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1851



Class Z 249

Book H7
151



Wm. Van Norden,

EIGHT-CYLINDER, TYPE-REVOLVING, FAST-PRINTING MACHINE.

Print.

R. HOE & CO.

MANUFACTURERS OF

SINGLE AND DOUBLE CYLINDER

AND

TYPE-REVOLVING

PRINTING MACHINES,

WASHINGTON AND SMITH HAND PRESSES,
SELF INKING MACHINES, ETC.,

EVERY ARTICLE CONNECTED WITH THE ARTS OF

LETTER PRESS, COPPERPLATE AND LITHOGRAPHIC PRINTING, AND BOOKBINDING,
ALWAYS ON HAND, OR FURNISHED AT SHORT NOTICE.

CAST STEEL SAWS,

STEAM ENGINES, MACHINERY, IRON AND BRASS CASTINGS, ETC.

MANUFACTORIES, Nos. 29 and 31 GOLD STREET, and on BROOME, COLUMBIA
AND SHERIFF STREETS.

NEW YORK:

WILLIAM VAN NORDEN, PRINTER,

120 FULTON STREET.

1851.

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TO PRINTERS, PUBLISHERS, AND BINDERS.

Printers' and Binders' Ware-Rooms, Nos. 29 and 31 Gold Street,
and Corner of Broome, Sheriff, and Columbia Streets.

NEW-YORK, 1st JULY, 1851.

GENTLEMEN :

With a list of the prices of articles furnished by us for Printers and Bookbinders, we also present cuts and descriptions of some of our principal machines, all of which are made under our own immediate supervision, from the best materials, by tried and experienced workmen aided by machinery of the newest construction.

We keep constantly on hand a variety of our Presses and other materials, and furnish, at the lowest prices, every article used in a printing office, including *Types from the different Foundries and Wood Types*.

The character of our Presses and other articles being already well known we need but to assure the profession that it will be our constant aim to maintain their reputation, and to introduce such further new machinery as may be required by the increasing necessities of the business.

We desire to acknowledge the many favors hitherto received and to renew our assurances that all orders confided to us shall meet with careful and prompt attention.

Your most obedient servants,

R. HOE & CO.



R. HOE & CO'S. LIST OF PRICES

OF

Printing Materials, etc.

NOS. 29 AND 31 GOLD STREET, AND ON BROOME, COLUMBIA

AND SHERIFF STREETS.

NEW YORK.

Printers, Publishers, and others, wishing to establish Newspaper, Book, or Job Offices, or Binderies, will be furnished an estimate in detail for the same, by stating the size of the paper, or the particular style and quantity of work to be executed,

LETTER PRESS DEPARTMENT.

Type Revolving Fast Printing Machine, (see cut, page 11, and Frontispiece.)	
New Job Printing Machine, (see cut,) p. 17	
Double and single cylinder Printing Machines, (see cuts, pages 13, 15 & 16,) from \$900 00	
Ready Proof Press, (see cut page 22,)...	65 00
Washington and Smith Hand Presses, (see cuts, pages 18 and 19,).....from	150 00
Foolscap, single lever Hand Press, for Jobs, &c., (see cut, page 20,).....	85 00
Smaller, single lever Hand Press for Cards, &c., (see cut, page 20,).....	40 00
Machine Card Press, with crank and treadle, (see cut, page 21,).....	175 00
Steam Inking Machine for hand press, (see cut, page 23,).....from	135 00
New Patent Self Inking Machine, (see cut, page 24,).....from	75 00
Composition Rollers, complete, imperial, No. 5 and 6.....	30 00
Do. do. No. 1, 2, 3, 4.....	25 00
Do. do. super royal...	22 50
Do. do. medium.....	20 00
Do. do. with vibrating cylinder, railway, and carriage, to work one or two rollers, (see cut, page 25.)	
Buckskin Rollers, complete—imperial...	35 00
Do. do. do. super royal	30 00
Do. do. do. medium...	28 00
Roller Moulds, cast iron, finished very true, finely polished, and furnished with bungs and centers, at 40 cts. per inch., as follows.	
Foolscap Hand Press, requires 30 in. long	12 00
Medium “ “ 34 “	13 60
Super Royal “ “ 36 “	14 40
Imperial, No. 1 “ “ 38 “	15 20
“ “ 2 “ “ 40 “	16 00
“ “ 3 “ “ 42 “	16 80
“ “ 4 “ “ 44 “	17 60
“ “ 5 “ “ 46 “	18 40
“ “ 6 “ “ 48 “	19 20
Mammoth “ “ 50 “	20 00
Cylinder Press, No. 2 “ 52 “	20 80
“ “ 3 “ 56 “	22 40
“ “ 4 “ 60 “	24 00
“ “ 5 “ 63 “	25 20

Foolscap Ink Table.....	\$7 50
Bank and Horse.....from	5 50
Balls, large, made up.....per pair	7 50
“ middle size “	6 00
“ smaller, “ “	5 00
Ball Skin and Lining.....	2 25
Roller skin and lining, sewed.....	3 75
Stereotype Blocks, 4to, 4 blocks.....	10 00
“ “ 8vo, 8 “	13 00
“ “ 12mo, 12 “	15 00
“ “ 18mo, 18 “	17 50
“ “ 24mo, 24 “	20 00
“ “ 32mo, 32 “	23 00
“ “ 48mo, 48 “	27 00
“ “ in sections, to work with cuts.....	
Of iron and brass to order.	
Parchments	1 25
Glue, for rollers, per pound.....	0 25
Copper Kettles for Compo. Rollers per set	12 00
Ink Brayer.....	0 25
“ Slice.....	0 75
“ Block.....	1 00
Rounce Straps.....per set	1 25
Sheepsfoot Hammer.....	1 25
Screw Driver.....	0 50
Press Wrench.....	1 25
Screw “	3 50
Tympan “	0 75
Points, with springs.....per pair	0 50
“ without springs.....	0 30
Tympan Bolt and Nut.....	0 37½
Machine Blankets, very fine, per yd. from	4 50
“ Vulcanized India Rubber Blankets.....from	5 00
“ Gut Band, 3-8 diameter, 21 feet long.....	6 00
“ Tape, narrow, linen...per yard	0 06
“ Tape, wider, linen...per yard	0 10
Printing Ink, black.....per lb. from	0 25
“ colored.....	2 50
Varnish, gold, silver, and bronze color, Stone and Muller.....	
Ink Mills.....from	25 00
Stamp and Label Printing Press, (see cut, page 42.)....	10 00

COMPOSITOR'S DEPARTMENT.

Imposing Stones, with frames compt., (Ital. mar.)

	Single.	Double.
Mammoth,.....	47x38—42 50	
Imperial, No. 6, 45x29—35 00		90x29—55 00
“ “ 5, 42x28—30 00		84x28—50 00
“ “ 4, 40x27—26 00		80x27—45 00
“ “ 3, 38x26—24 00		76x26—40.00
“ “ 2, 36x25—22 00		72x25—35 00
“ “ 1, 33x24—21 00		66x24—30 00
Super Royal,.....	31x26—21 00	62x26—30 00
Medium,.....	28x22—18 00	56x22—25 00
Foolscap,.....	23x18—16 00	46x18—22 50

Cast Iron Imposing Beds, with table and drawer.

	Single.	Double.
Foolscap,.....	\$20 00	\$33 50
Medium,.....	23 00	38 50
Super Royal,.....	28 00	47 00
Imperial,..... No. 1,	27 50	45 00
“ “ “ 2,	31 50	52 50
“ “ “ 3,	35 00	58 00
“ “ “ 4,	37 50	62 50
“ “ “ 5,	40 00	67 00
“ “ “ 6,	45 00	75 00
Mammoth,.....	60 00	100 00

Double Super Royal Chases, shifting bars,	per pair,	20 00
Double medium	" " "	\$18 00
Imperial	" " "	16 00
Super royal	" " "	14 00
Medium	" " "	13 00
Demy	" " "	12 00
Foolscap	" " "	10 00
No. 4 & 3, imperial News Chases, per pair		15 00
" 2,	" " "	13 00
" 1,	" " "	12 00
" 6, Half Chases.....each		6 00
" 5, Half Chases....."		5 50
" 4 and 3 Half Chases....."		5 00
No. 2, Half Chases.....each		\$4 50
Super Royal, cast iron.....per pair		5 00
Medium	" " "	4 50
Foolscap	" " "	3 00
Broadside Job	"from	0 50
For stereotyping, to order.		
Iron side and foot sticks....	per inch	0 05
Type Cases, best quality, well seasoned,		
" " " " "	per pair	1 75
" " " " smaller	"	1 62½
Job Case,	" " " " "	1 00
Half "	" " " " "	0 75
Cabinet of 10 pairs small cases, with		
standing galley.....		25 00
Cabinet of 15 half cases, standing galley		20 00
Cast iron double stands, with racks,		15 00
" " " " without racks, ..		12 00
" single, " " " " "		8 00
Double stand with racks.....		5 50
" without racks.....		4 50
Single stand.....		3 50
Composing sticks, 6 and 8 inches.....		1 50
" " for every additional inch		12½
Steel Composing Rules.....		25
Mahogany job stick, 20 inches.....		2 00
Galley, proof, double column, all brass..		5 50
" " single " " "		5 00

Galley, proof, double column, wood rim,	brass bottom	2 75
" " single " " "		
" " " " "	wood rim	2 50
" Republican slice, 25 by 18in inside		3 00
" Imperial " 22 by 15 "		2 25
" Super Royal " 21 by 14 "		2 00
" Royal " 18 by 12 "		1 87½
" Medium " 16 by 10 "		1 75
" Quarto " 13 by 8½ "		\$1 50
" Octavo " 10 by 6 "		1 25
" Common.....from		37
Letter Board, double medium, 40 by 28..		2 00
" imperial, 36 by 27..		1 75
" super royal, 30 by 24..		1 50
Letter Board, royal, 27 by 23..		1 25
" medium, 24 by 19..		1 00
" demy, 22 by 17..		75
Furniture, all sizes.....per yard		5
Mourning Reglet.....		12½
Wood Rule, double.....	"	15
" single.....	"	12½
Shooting-stick, brass.....		1 25
" iron.....		1 00
" hickory.....		6
Mallet.....		37½
Planer.....		25
Quoins, hickory.....per 100		50
Quoins, boxwood.....	"	62½
Saw and Mitre-Box.....		1 50
Shears.....per pair		75
Improved Lead and Brass Rule Cutter,		
6 inch shears.....		12 00
Lead Cutter, smaller.....		4 00
Iron Mitre-Box and Saw.....		5 00
Candlesticks.....per dozen		1 50
Snuffers.....per pair		37½
Bellows.....		50
Bodkins.....		18½
Proof Brush.....		1 12½
Cord.....per ball		25

WAREHOUSE DEPARTMENT.

Standing Press, wood, wrought iron bars ;		
screw 2½in., betw. rods 27in.	\$80 00	
" " 3 " 29	100 00	
" " 3½ " 31	125 00	
" " 4 " 33	160 00	
" with cast iron platen, wheel,		
ratchet and bar, (see cut, p. 32,)		
" all iron, small super royal,		
screw 3½in., betw. rods 28in.	175 00	
" " 4 " 28	200 00	
" large super royal,		
screw 4in., betw. rods 28	225 00	
" imp'l 4½ " 34	250 00	
" improved geared, double med.		
2 screws, (see cut, page 35,)		
platen 29 by 45 inches.....	450 00	

Hydrostatic Standing Presses, (see cut,		
page 31,).....from	\$800 00	
Paper Cutting Machine and Table, (see		
cut, page 36,).....	50 00	
Peel.....	75	
Drying Poles.....per foot	6	
Pressing Boards, double med. 40 by 28in.	2 25	
" imperial, 36 by 27..	2 00	
" super royal, 30 by 24..	1 50	
" royal, 27 by 23..	1 25	
" medium, 24 by 19..	1 00	
" demy, 22 by 19..	87½	
" sheet iron.....from	1 00	
" glazed paper, per gross		
from	12 00	
Iron Bar, for standing press.....per lb.	12½	

WETTING DEPARTMENT.

Lye and Wetting Trough, double med...	15 00
" " imperial.....	13 00
" " super royal...	11 00
" " medium.....	10 50
" " lined with lead	
extra.....	
Wetting Boards, double medium.	
40 by 28 in.	\$2 00

Wetting Boards, imperial, 36 by 27	1 75
" super royal, 30 by 24	1 50
" royal, 27 by 23	1 25
" medium, 24 by 19	1 00
Lye Brush.....	87½
Pick Brush.....	25

BOOKBINDERS' TOOLS.

Standing Press, (see warehouse depart-		
ment,).....from	\$80 00	
Geared Embossing Press.....	500 00	
Arming or Stamping Press, to work with		
treadle, (see cut, page 33,).....	250 00	
Arming and stamping Press, to work by		
hand.....	75 00	
Leather Groining Machine.....	125 00	
Improved Book Rolling Machine.....	250 00	
Cutting Press and Plough.....	10 00	
Knife for do.....	1 00	
Press Pin.....	75	

Improved Ruling Machine, to rule both		
sides,	250 00	
" " " one side,		
(see cut, page 34,).....	125 00	
Plough and four boards, for squaring paper	30 00	
Screw with iron point for do. and nut...	3 00	
Piercing Machine on table, with treadle,		
(see cut, page 37).....	30 00	
Sewing Bench.....	\$1 75	
Binder's Squaring Shears, per in. of blade	1 00	
Binder's Table Shears and Table, 26 in.		
blade.....	35 00	

Binder's Table Shears, with cast iron Table, (see cut, page 37).....	75 00	Backing Hammer.....	1 50
Cutting and Backing Board.....per foot	4	Press Boards, maple, 17 by 22 in.....	87½
Backing Boards, per pair, faced with iron, per inch.....	12½	“ “ 13 by 20.....	62½
Polisher, cast steel.....	3 50	“ “ 10 by 16.....	50
Brass Pallets..... from	3 50	“ “ 10 by 13.....	37½
Beating Hammer.....	2 00	“ “ 8 by 10½.....	31½
		“ “ 6 by 10½.....	25
		Rolls, Fillets, Stamps, &c. &c. to order.	

PRINTING TYPES, &c.

ROMAN AND ITALIC.

	per lb.
Twelve-line Pica.....	\$0 20
Nine-line Pica.....	0 20
Seven-line Pica.....	0 24
Six-line Pica.....	0 26
Five-line Pica.....	0 28
Four-line Pica.....	0 28
Canon.....	0 30
Meridian.....	0 30
Double Paragon.....	0 30
Double Great Primer.....	0 30
Double Columbian.....	0 30
Double English.....	0 30
Double Pica.....	0 30
Double Small Pica.....	0 30
Paragon.....	0 30
Great Primer.....	0 30
Columbian.....	0 30
English.....	0 30
Pica.....	0 30
Small Pica.....	0 32
Long Primer.....	0 34
Bourgeois.....	0 37
Brevier.....	0 42
Minion.....	0 48
Nonpareil....	0 58
Agate.....	0 72
Pearl.....	1 08
Diamond.....	1 60

CARD FONTS OF ROMAN.

Brevier.....	0 74
Minion.....	0 84
Nonpareil.....	1 00
Agate.....	1 20
Pearl.....	1 60
Diamond.....	2 50

ANTIQUÉ.

Ten-line Pica.....	0 20
Six-line Pica.....	0 26
Four-line Pica.....	0 30
Double Paragon.....	0 36
Double Great Primer.....	0 38
Double Pica.....	0 42
Double Small Pica.....	0 42
Paragon.....	0 44
Great Primer No. 1 and 2.....	0 44
English.....	0 48
Pica No. 1 and 2.....	0 52
Small Pica.....	0 56
Long Primer, No. 1 and 2.....	0 60
Bourgeois.....	0 66
Brevier No. 1 and 2.....	0 74
Minion.....	0 84
Nonpareil No. 1 and 2.....	1 00

ANTIQUÉ CONDENSED.

Great Primer.....	0 44
Pica.....	0 52
Long Primer.....	0 60
Brevier.....	0 74

ANTIQUÉ EXTENDED.

Four-line Pica.....	0 30
Canon.....	0 32
Double Great Primer.....	0 38
Double English.....	0 42

BLACK.

	per lb.
Five-line Pica.....	0 28
Four-line Pica.....	0 30
Meridian.....	0 34
Double Great Primer.....	0 38
Double Small Pica No. 1 and 2.....	0 42
Great Primer No. 1 and 2.....	0 44
English No. 1 and 2.....	0 48
Pica No. 1 and 2.....	0 52
Small Pica.....	0 56
Long Primer No. 1 and 2.....	0 60
Bourgeois.....	0 66
Brevier No. 1 and 2.....	0 74
Minion.....	0 84

GOTHIC.

Four-line Pica.....	0 30
Two-line Great Primer.....	0 38
Two-line Pica.....	0 42
Two-line Brevier.....	0 44
Two-line Nonpareil.....	0 52
Two-line Pearl.....	0 60
Brevier.....	0 74
Nonpareil No. 1 and 2.....	1 00

BACKSLOPE.

English.....	0 48
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CONDENSED.

Ten-line Pica.....	0 20
Seven-line Pica.....	0 24
Six-line Pica No. 2.....	0 26
Five-line Pica No. 2.....	0 28
Four-line Pica No. 1 and 2.....	0 30
Canon.....	0 32
Double Paragon.....	0 36
Two-line Great Primer No 2.....	0 38
Two-line Columbian.....	0 40
Double English.....	0 42
Two-line English No. 2.....	0 42
Double Pica No. 2.....	0 42
Two line Pica No. 2.....	0 42
Two-line Long Primer No. 2.....	0 44
Two-line Brevier No. 1 and 2.....	0 44
English.....	0 48
Pica No. 1 and 2.....	0 52
Two-line Nonpareil No. 1 and 2.....	0 52
Long Primer No. 1 and 2.....	0 60
Two-line Pearl No. 1 and 2.....	0 60
Two-line Diamond No. 2.....	0 66
Brevier.....	0 74

EXTENDED.

Two-line Pearl.....	0 60
Brevier.....	0 74
Nonpareil.....	1 00

GOTHIC CONDENSED.

Twelve-line Pica.....	0 20
Eight-line Pica.....	0 22
Six line Pica.....	0 26
Four-line Pica.....	0 30
Two line Great Primer.....	0 38
Two-line Pica.....	0 42
Two-line Long Primer.....	0 44
Two-line Brevier.....	0 44

	per lb.
Two-line Nonpareil.....	0 52
Two-line Pearl.....	0 60
Brevier.....	0 74

ITALIAN.

Seven-line Pica.....	0 24
Five-line Pica.....	0 28
Two-line Great Primer.....	0 38
Two-line Small Pica.....	0 42
Two-line Breveir.....	0 44
Two-line Minion.....	0 48
Two-line Pearl.....	0 60

TITLE.

Great Primer.....	0 44
Pica.....	0 52
Small Pica.....	0 56
Long Primer.....	0 60
Bourgeois.....	0 66
Brevier.....	0 74
Minion.....	0 84
Nonpareil, No. and 2.....	1 00
Agate.....	1 20

PICE-FRACTIONS.

Pica, (Nonpareil body).....	1 50
Small Pica, (Agate body).....	1 80
Long Primer, (Pearl body).....	2 20
Bourgeois, (Diamond body).....	3 00

TWO-LINE.

Two-line Columbian No. 1.....	0 40
Two line English No. 1 and 2.....	0 42
Two-line Pica No. 1 and 2.....	0 42
Two-line Long Primer No. 1 and 2.....	0 44
Two-line Bourgeois No. 1, 2 and 3.....	0 44
Two-line Brevier No. 1, 2 and 3.....	0 44
Two-line Minion No. 1, 2 and 3.....	0 48
Two-line Nonpareil No. 1, 2 and 3.....	0 52
Two-line Agate No. 1, 2 and 3.....	0 56
Two line Pearl No. 1, 2 and 3.....	0 60
Two-line Diamond No. 1, 2 and 3.....	0 66

COMIC.

Ten-line Pica.....	0 32
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HAIR-LINE.

Pica Condensed.....	0 90
Long Primer Engravers'.....	1 00
Minion Engravers'.....	1 32
Pearl Engravers'.....	2 20

SECTION-MUSIC.

Nonpareil.....	1 00
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TITLE CONDENSED,

Pica.....	0 52
Long Primer.....	0 60

EXTRA-CONDENSED.

Seven-line Pica.....	0 36
Five-line Pica.....	0 44
Two-line Paragon.....	0 60
Two-line Pica.....	0 68
Two-line Brevier.....	0 80

ANTIQUÉ EXTRA CONDENSED.

Seven-line Pica.....	0 36
Five-line Pica.....	0 44
Four-line Pica.....	0 48

SECRETARY.

Double Small Pica.....	0 72
Great Primer.....	0 76
English.....	0 85
Pica.....	0 90

OPEN.

	per lb.
Twelve-line Pica Gothic Condensed.....	0 32
Nine-line Pica German Text.....	0 64
Eight line Pica German Text.....	0 64
Eight-line Pica Gothic Condensed.....	0 34
Eight-line Pica Antique.....	0 34
Six-line Pica Gothic.....	0 40
Six-line Pica Gothic Condensed.....	0 40
Five-line Pica Black No. 1 and 2.....	0 44
Four-line Pica Gothic Condensed.....	0 48
Four-line Pica.....	0 48
Four-line Pica Black.....	0 48
Canon.....	0 52
Meridian.....	0 56
Meridian Black.....	0 56
Double Great Primer Black.....	0 64
Two-line English Antique.....	0 68
Two-line Pica.....	0 68
Double Small Pica Black.....	0 72
Two-line Long Primer.....	0 72
Great Primer Black.....	0 76
Two-line Brevier.....	0 80
Two-line Brevier Antique.....	0 80
Two-line Pearl Antique.....	1 00

SHADED.

Ten-line Pica.....	0 32
Seven line Pica.....	0 36
Six line Pica No. 1 and 2.....	0 40
Six-line Pica Ray.....	0 40
Five-line Pica.....	0 44
Four-line Pica No. 1 to 4.....	0 48
Four-line Pica Ray.....	0 48
Meridian.....	0 56
Two-line Great Primer.....	0 64
Two-line English.....	0 68
Two-line Pica No. 2.....	0 68
Two-line Small Pica No. 1 and 2.....	0 72
Two-line Long Primer.....	0 72
Great Primer Black.....	0 76
Two-line Brevier No. 1 to 4.....	0 80
Two line Nonpareil No. 1 to 4.....	0 90
Long Primer Extended.....	1 00
Two-line Pearl No. 1 to 6.....	1 00
Brevier Extended.....	1 20
Brevier No. 1 to 4.....	1 20
Nonpareil No. 1 to 3.....	1 50

ORNAMENTED.

Ten-line Pica.....	0 32
Nine-line Pica.....	0 34
Eight-line Pica No, 1, 2 and 3.....	0 34
Seven line Pica.....	0 36
Six-line Pica.....	0 40
Five-line Pica.....	0 44
Four-line Pica No. 1, 2 and 3.....	0 48
Two-line Paragon No. 1 and 2.....	0 60
Two-line Great Primer No. 1, 2 and 3.....	0 64
Two line Columbian No. 1 and 2.....	0 68
Two-line English No. 1, 2 and 3.....	0 68
Two-line Small Pica No. 1 and 2.....	0 72
Two-line Long Primer No. 1 to 4.....	0 72
Two-line Brevier.....	0 80
Two-line Nonpareil No. 1, 2 and 3.....	0 90
Two-line Pearl No. 1 and 2.....	1 00

SKELETON.

Two-line Pearl.....	1 00
Brevier.....	1 20
Nonpareil.....	1 50

PERSPECTIVE.

Six-line Pica.....	0 40
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OUTLINE.

English.....	0 85
Long Primer.....	1 00
Long Primer Black.....	1 00
Brevier.....	1 20
Nonpareil.....	1 50

GERMAN TEXT.

	per lb.
Nine-line Pica.....	0 50
Eight-line Pica.....	0 50
Double Paragon.....	0 60
Double Small Pica.....	0 72
Great Primer.....	0 76

PHANTOM.

Two-line Brevier.....	0 80
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SCRIPT.

Double Small Pica.....	0 72
Great Primer.....	0 76
English.....	0 85
Pica.....	0 90

GRECIAN.

Twelve-line Pica.....	0 32
Ten-line Pica.....	0 32
Seven-line Pica.....	0 36
Five-line Pica.....	0 44
Four-line Pica.....	0 48

SUPERIORS.

Pica.....	0 90
Small Pica.....	0 95
Long Primer.....	1 00
Bourgeois.....	1 08
Brevier.....	1 20
Minion.....	1 32
Nonpareil.....	1 50
Agate.....	1 80
Pearl.....	2 20

BORDERS.

Eleven-line Pica.....	0 32
Eight-line Pica.....	0 32
Six-line Pica.....	0 32
Five-line Pica.....	0 32
Four-line Pica.....	0 32
Meridian.....	0 34
Double Paragon.....	0 36

	per lb.
Double Great Primer.....	0 38
Double Columbian.....	0 40
Double English.....	0 42
Double Pica.....	0 42
Double Small Pica.....	0 42
Paragon.....	0 44
Great Primer.....	0 44
Columbian.....	0 44
English.....	0 48
Pica.....	0 52
Small Pica.....	0 56
Long Primer.....	0 60
Bourgeois.....	0 66
Brevier.....	0 74
Minion.....	0 84
Nonpareil.....	1 00
Agate.....	1 20
Pearl.....	1 60

SIGNS.

Small Pica.....	0 56
Long Primer.....	0 60
Bourgeois.....	0 66
Brevier.....	0 74
Minion.....	0 84

FLOURISHES.....1 00

CHECK.....0 80

SPACE RULE.....1 20

BRACES.....0 80



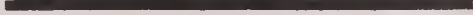

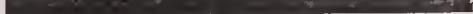


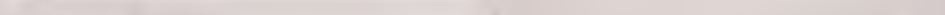
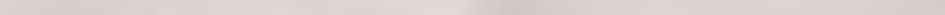
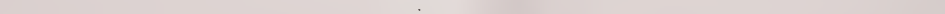
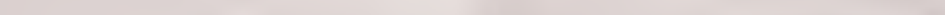
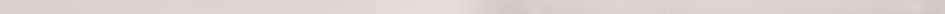
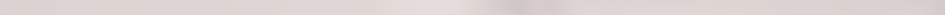
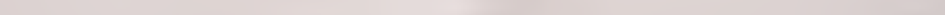
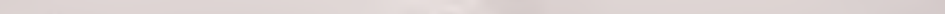
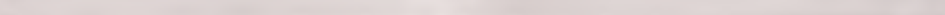
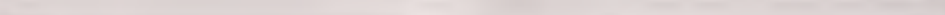




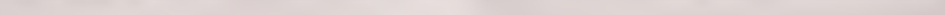
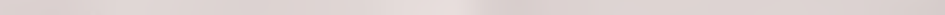
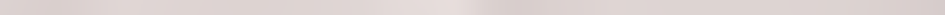
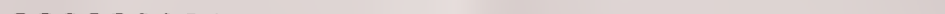
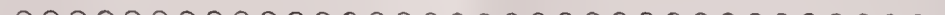


















QUOTATIONS.....0 25


METAL FURNITURE.....0 20

LEADS.

Six to Pica and larger.....	0 25
Seven to Pica.....	0 30
Eight to Pica.....	0 40
Nine to Pica.....	0 52
Ten to Pica.....	0 70

BRASS RULE.

Nos.		Per foot.			
1		8 cts.			
2		10			
3		12			
4		16			
5		20			
6		30			
7		40			
8		16			
9		20			
23		30			
24		15			
10		16			
11		20			
12		25			
13		35			
14		40			
25		45			
26		35			
15		40			
16		45			
22		12			
17		12			
18		16			
19		18			
20		18			
21		20			
1		7		13	
2		8		14	
3		9		15	
4		10		16	
5		11		17	
6		12		18	

 Brass Dashes of any pattern, cut to suit the column, 10 cents each.
Cast-steel Column Rules to order.

MISCELLANEOUS ARTICLES.

Copperplate Press, (see cut, page 25,) from	\$90 00	Roller Embossing Machines.....	" \$100 00
Lithographic " " " 26, "	150 00	Calendering "	" 350 00
Stereotype Shaving Machine, one head,		Vencer Saw Mills.....	" 200 00
(see cut, page 27,)	100 00	Saw Mandrels.....	" 15 00
Sideplane, Jointer, Shoot Board....	18 00	Improved Bolt and Nut Cutting Machines	
Materials for stereotypers supplied.		from	350 00
Cuts blocked.		Improved Steam Engines and Boilers, for	
Column Screw Copying Press, (see cut,		machine presses, &c (see cuts, pages	
page 39,).....	16 00	28, 29,).....from	550 00
Screw Ball, (see cut page 39.)	18 00	Wrought Iron Screws and Brass Boxes,	
Screw and Lever, (see cut page 38,).....	25 00	per lb.....from	0 25
French Pattern, (see cut, page 37,).....	35 00	Gearing, Screws, &c., cut to order.	
Notarial Large Screw Press and Stand		Improved Lathes, various patterns.	
(see cut, page 40,).....	50 00	Machine Leather Banding, all sizes.	
Notarial spring, (see cut, page 40.) "	35 00	Cast Iron Pulleys, from turned iron patterns.	
" screw Press, smaller, (see cut,		Shafting made and put up to order.	
page 40,).....	18 00	Cooking and Drying Apparatus for public	
Transferring Presses.....	250 00	institutions.	
Fly Presses	75 00	Improved Fan Blowers.	
Cotton, Wool, or Tobacco Presses..from	250 00		

Presses of every description repaired at the shortest notice, and on the most reasonable terms.

A liberal discount for Cash.

TYPE REVOLVING, FAST PRINTING MACHINE

(See page 11.)

A HORIZONTAL cylinder of about four and a half feet in diameter, is mounted on a shaft, with appropriate bearings; about one-fourth of the circumference of this cylinder constitutes the bed of the press, which is adapted to receive the form of types—the remainder is used as a cylindrical distributing table. The diameter of the cylinder is less than that of the form of types, in order that the distributing portion of it may pass the impression cylinders without touching. The ink is contained in a fountain placed beneath the large cylinder, from which it is taken by a ducter roller and transferred, by a vibrating distributing roller, to the cylindrical distributing table; the fountain roller receives a slow and continuous rotary motion, to carry up the ink from the fountain.

The large cylinder being put in motion, the form of types thereon is, in succession, carried to four or more corresponding, horizontal impression cylinders, arranged at proper distances around it, to give the impression to four or more sheets, introduced one by each impression cylinder. The fly and feed-boards of two of the impression cylinders are similar to those on the well-known double cylinder press; on the other two, the sheet is fed in below and thrown out above. The sheets are taken directly from the feed-board, by iron fingers attached to each impression cylinder. Between each two of the impression cylinders there are two inking rollers, which vibrate on the distributing surface while taking a supply of ink, and at the proper time are caused to rise, by a cam, so as to pass over the form, when they again fall to the distributing surface. Each page is locked up upon a detached segment of the large cylinder, called by the compositors a "turtle," and this constitutes the bed and chase. The column-rules run parallel with the shafts of the cylinder, and are consequently straight; while the head, advertising, and dash rules, are in the form of segments of a circle. A cross section of the column rules would present the form of a wedge, with the small end pointing to the centre of the cylinder, so as to bind the types near the top; for the types being parallel, instead of radiating from the centre, it is obvious that if the column rules were also parallel, they must stand apart at the top, no matter how tight they were pressed together at the base; but with these wedge-shaped column rules, which are held down to the bed or "turtle" by tongues, projecting at intervals along their length, and sliding in rebated grooves cut crosswise in the face of the bed, the space in the grooves, between the column rules, being filled with sliding blocks of metal, accurately fitted, the outer surface level with the surface of the bed, the ends next the column rules being cut away underneath to receive a projection on the sides of the tongues, and screws at the end and side of each page to lock them together, the types are as secure on this cylinder as they can be on the old flat bed.

The cut represents a press with four impression cylinders, capable of printing 10,000 impressions per hour. Four persons are required to feed in the sheets, which are thrown out and laid in heaps by self-acting flyers, as in our ordinary cylinder presses. A press with eight impression cylinders will print 16,000 or more impressions per hour.

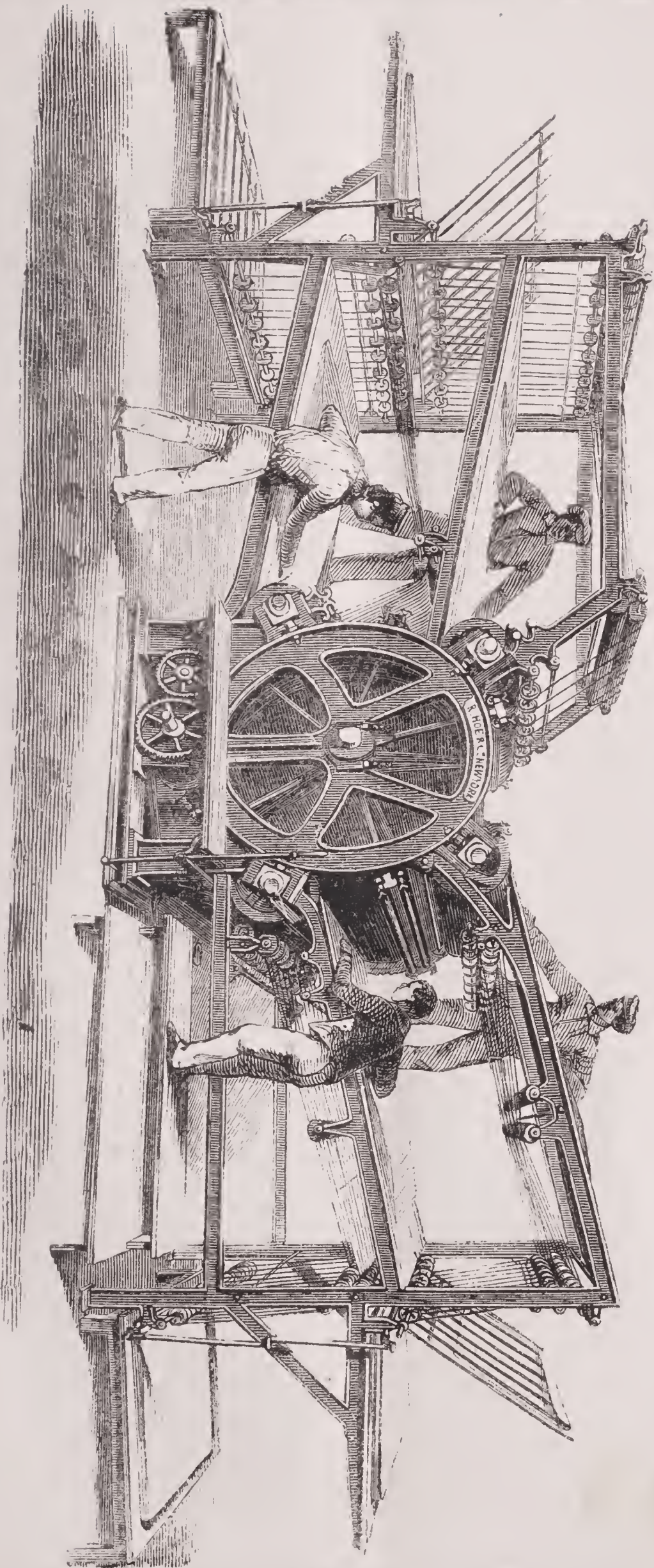
DIRECTIONS FOR MAKING COMPOSITION ROLLERS.

ROLLERS are made of best American Glue and Sugar House, or thick West India, Molasses, or thick Sugar Syrup.

For summer use, to *each pound* of glue add one pint of thick molasses. The quantity of each, however, will depend upon the temperature of the weather; more glue being required in warm than cool weather. A medium roller will require about five pounds of glue to two quarts of molasses.

Place the glue in a bucket, and cover it completely with clean water: let it soak from 20 to 30 minutes; then drain off the water and let the glue in the bucket remain covered for 3 or 4 hours, or longer; it will then be in order for melting. The glue should then be put into the small kettle with water enough in the large kettle to completely surround the small one. Then place the same over the fire, and let the glue boil until completely melted, which will require from 1 to 2 hours. The molasses may then be added and *well mixed* with the glue by very frequent stirring, and the whole boiled an hour or an hour and a half longer, and then poured into the mould and suffered to remain until cold. The mould should be *perfectly clean* and *freely oiled* with a swab before using it. After being taken out of the mould, the oil on the roller may be wiped off with paper, and the roller exposed in a cool place to the air for 2 or 3 days. When quite new rollers should be used as long as possible without washing, or until they become so dirty as to require it. Washing the roller too soon before the composition acquires consistency is apt to injure the face of it. After that, it may be washed whenever it becomes dirty, or loses its adhesion; it should be washed in *lukewarm* water with a soft sponge, or soft rag, and rinsed perfectly clean with water and wiped dry.

Type-Revolving Fast Printing Machine.



DOUBLE CYLINDER PRINTING MACHINE.

(See page 13.)

In its arrangement this press is similar to the Single *Small* Cylinder Machine : except that it has two impression cylinders each alternately giving an impression from the same form. The sheets are supplied by two attendants, and, if required to print short editions of various sizes, it will be necessary to have a boy at each end of the press to receive the printed sheets, but where large editions or forms of uniform size are worked, not requiring frequent changes of the tape wheels, the self sheet flying apparatus is very efficient and economical, placing the printed sheets in heaps with precision, and dispensing entirely with the two boys otherwise required for that purpose.

The large amount of printing ordinarily done on these presses, and the consequent speed required, have rendered necessary greatly increased strength and weight of material in all the parts, together with simplicity in the mechanical arrangements, and the utmost perfection of workmanship. The noise and annoyance occasioned by the concussion of the bed against the springs, which are placed at each end of the machine to overcome the momentum of the bed, has been removed by means of adjustable india-rubber buffers placed at the points of contact, which in no way interfere with the lively and certain action of the spiral springs.

SIZES AND PRICES.

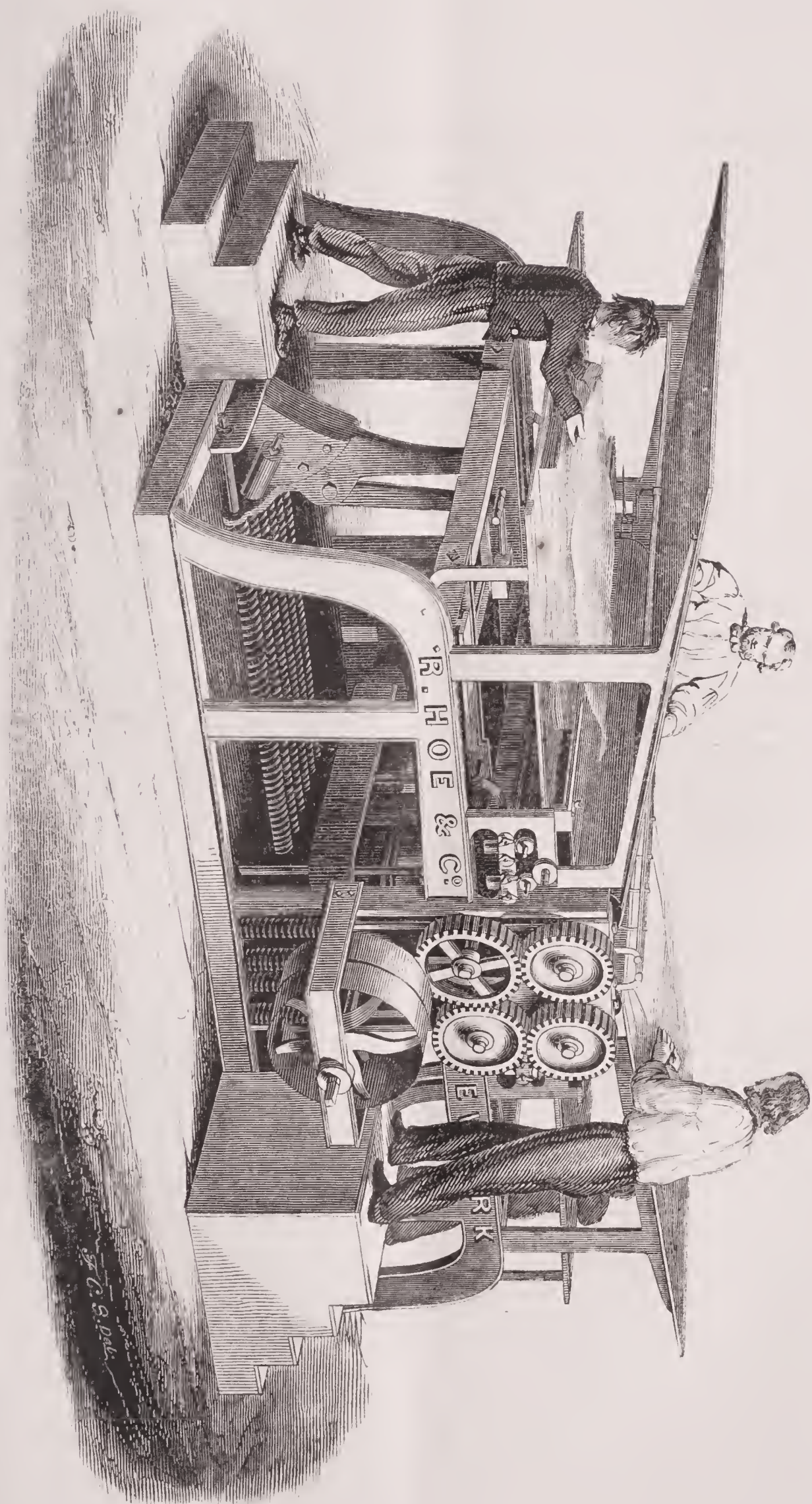
No. 1, Bed 41 by 28 inches..	\$2,500	No. 4, Bed 54 by 34 inches.....	\$3,250
2, " 46 by 31.....	2,750	5, " 57 by 36.....	3,500
3, " 50 by 31.....	3,000	Larger or smaller sizes made to order.	

Registering or pointing apparatus \$100 extra.

Self acting sheet flyers..... 300 "

Each Machine is furnished with Roller Moulds, two sets of Roller Stocks, Blankets and Band ; also, Fly Wheel and Stand, if to be driven by *hand* power ; or Counter Shaft, 2 hangers and Pulley if by *steam* power.

Patent Improved Double Cylinder Printing Machine.



SINGLE SMALL CYLINDER PRINTING MACHINE.

(See page 15.)

In this press the form of types is placed upon a flat bed, and the impression taken upon the paper by means of a cylinder, while the form is passing under it. The small size of the cylinder allows the machine to be constructed in a very compact manner, so as to shorten the distance which the bed travels, thereby considerably increasing the number of impressions in a given time, beyond the single *large* cylinder press.

The machine is of convenient height for use. One person only is required to feed down the paper, whose position is but a step from the floor. It will give from 2,000 to 3,000 impressions per hour, with perfect safety to the machinery. The printed sheets are thrown out by a fly frame in a uniform pile. Register sufficiently accurate for newspaper and job work is obtained by the patent feed guides, which are attached to each press. When required a registering or pointing apparatus is furnished, and the press may then be used advantageously for book work.

This press is made in the same substantial manner as the *double* cylinder press described above, with buffers similarly arranged to prevent noise.

When driven by *steam* power, No. 8 occupies 8 feet by 12 feet. If by *man* power, requiring fly wheel and stand, it occupies 8 feet by 16 feet.

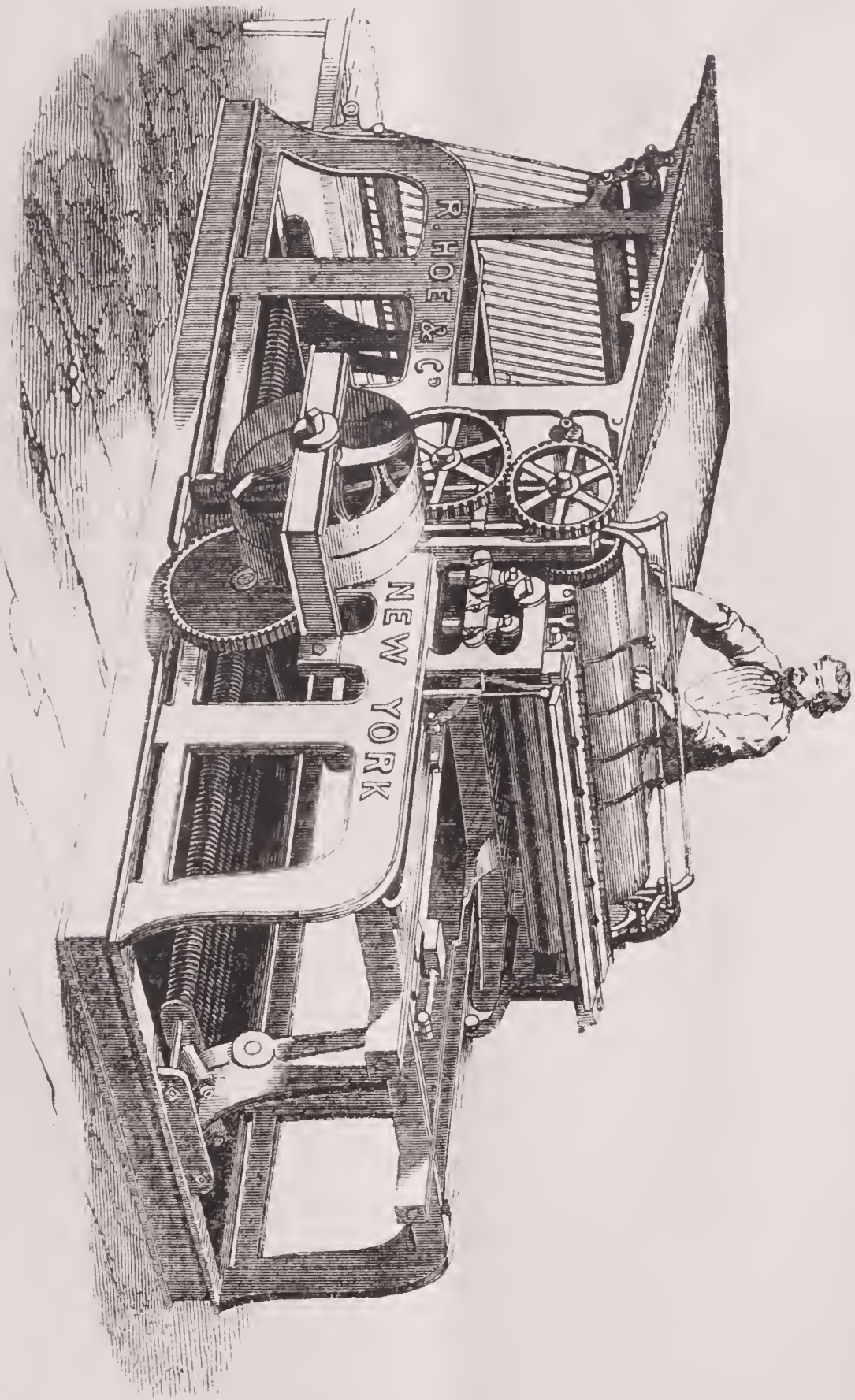
SIZES AND PRICES.

No. 6, Bed 35 by 25 inches.....\$1,300	No. 9, Bed 50 by 31 inches.....\$1,900
7, " 41 by 28½.....1,600	10, " 52 by 33..... 2,000
8, " 46 by 31.....1,750	11, " 54 by 36.....2,100
No. 12, Bed 57 by 36.....2,300	

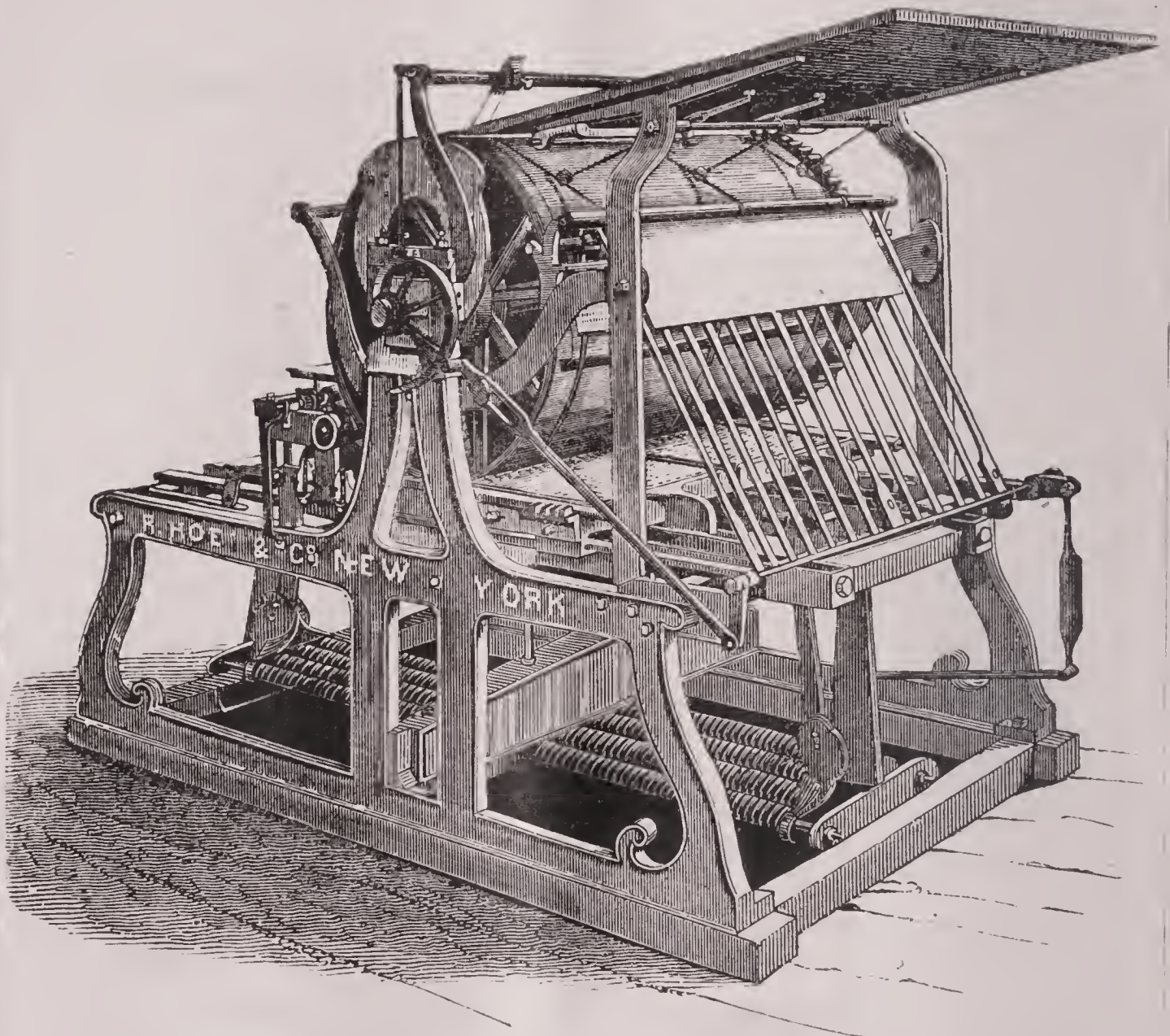
Registering or pointing apparatus \$50 extra.

Each machine is furnished with Roller Moulds, two sets of Roller Stocks, Blankets Band; also, Fly Wheel and Stand, if to be driven by *hand* power; or Counter Shaft, 2 Hangers and Pulley if by *steam* power.

Patent Single SMALL Cylinder Printing Machine.



Patent Single LARGE Cylinder Printing Machine.



This Machine is particularly adapted to Book and fine Newspaper work. It has a perfect registering apparatus and sheet-flyer; also adjustable iron bearers, so that stereotype may be worked with the same facility and beauty as type forms. One boy is required to lay on the sheets, and the press may be driven by man or steam power. With the same attendance, it will print twice as fast as any bed and platen machine, and equally as well in every respect; say from 1,000 to 2,000 impressions in an hour, according to the size of the press, and the quality of the work desired. We now furnish vulcanized india rubber impression cloth for these presses, and as it is not readily indented by the type, forms of different sizes may be worked without any change of blankets. Overlays are conveniently made on the rubber, and may be removed by a wet sponge. To prevent noise buffers are applied as in the double cylinder machine.

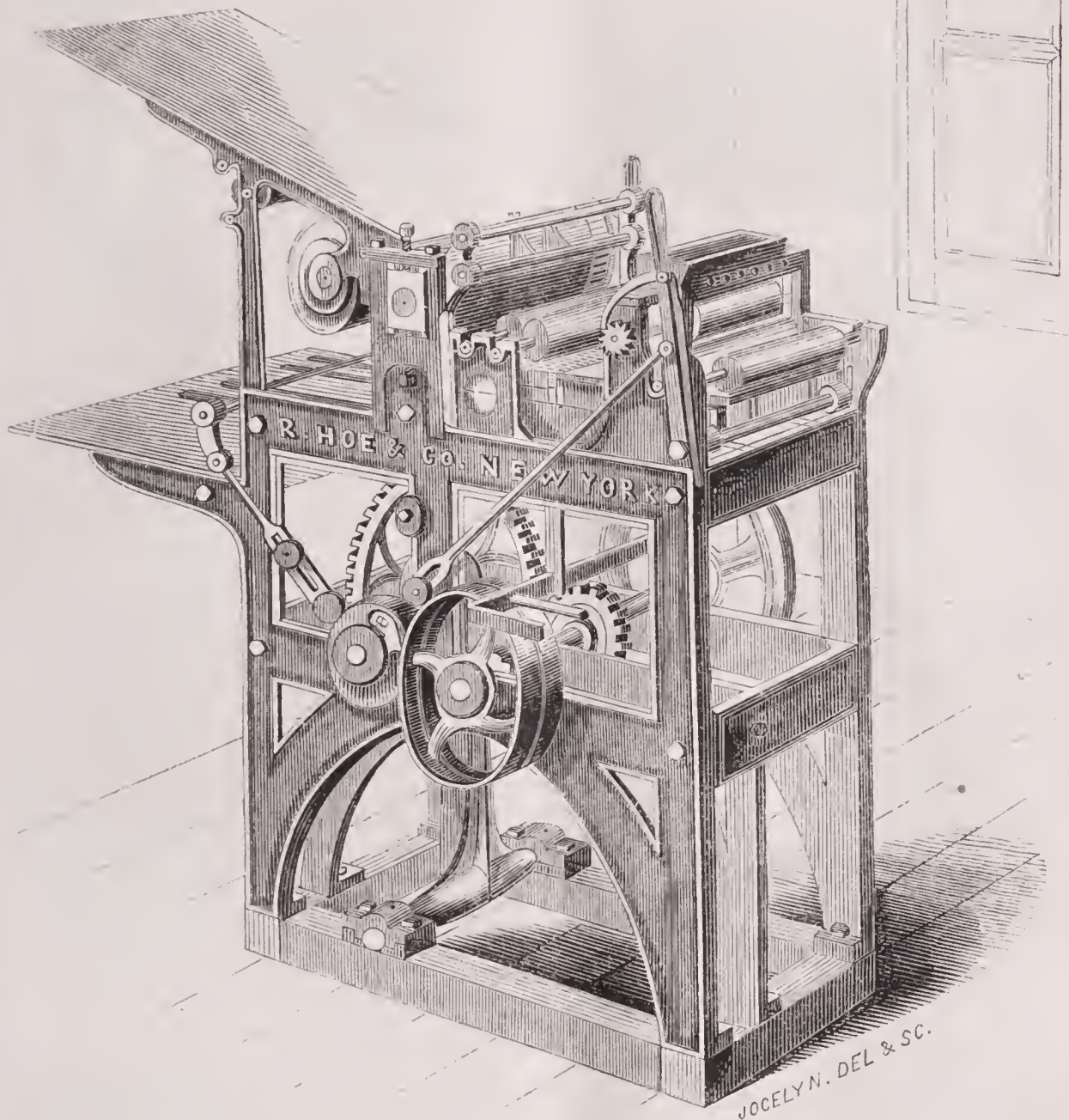
SIZES AND PRICES.

Large Foolscap, bed 24 by 19 in....\$900	No. 3, Bed 50 by 31in... ..\$2,100
Medium, " 28½ by 23 in...1,200	4, " 52 by 34in 2,250
Super-royal, " 33 by 25 in...1,400	5, " 54 by 40in..... 2,500
No. 1, Dbl. Med. " 41 by 28½in...1,800	6, " 57 by 40in..... 2,600
2, " 46 by 31in.....1,950	

Each Machine is furnished with Roller Moulds, two sets of Roller Stocks, Blankets and Band; also, Fly Wheel and Stand, if to be driven by *hand* power; or Counter Shaft, 2 Hangers and Pulley if by steam power.

Drawings and directions for putting up and working the Presses, furnished with each Machine.

New Job Printing Machine.

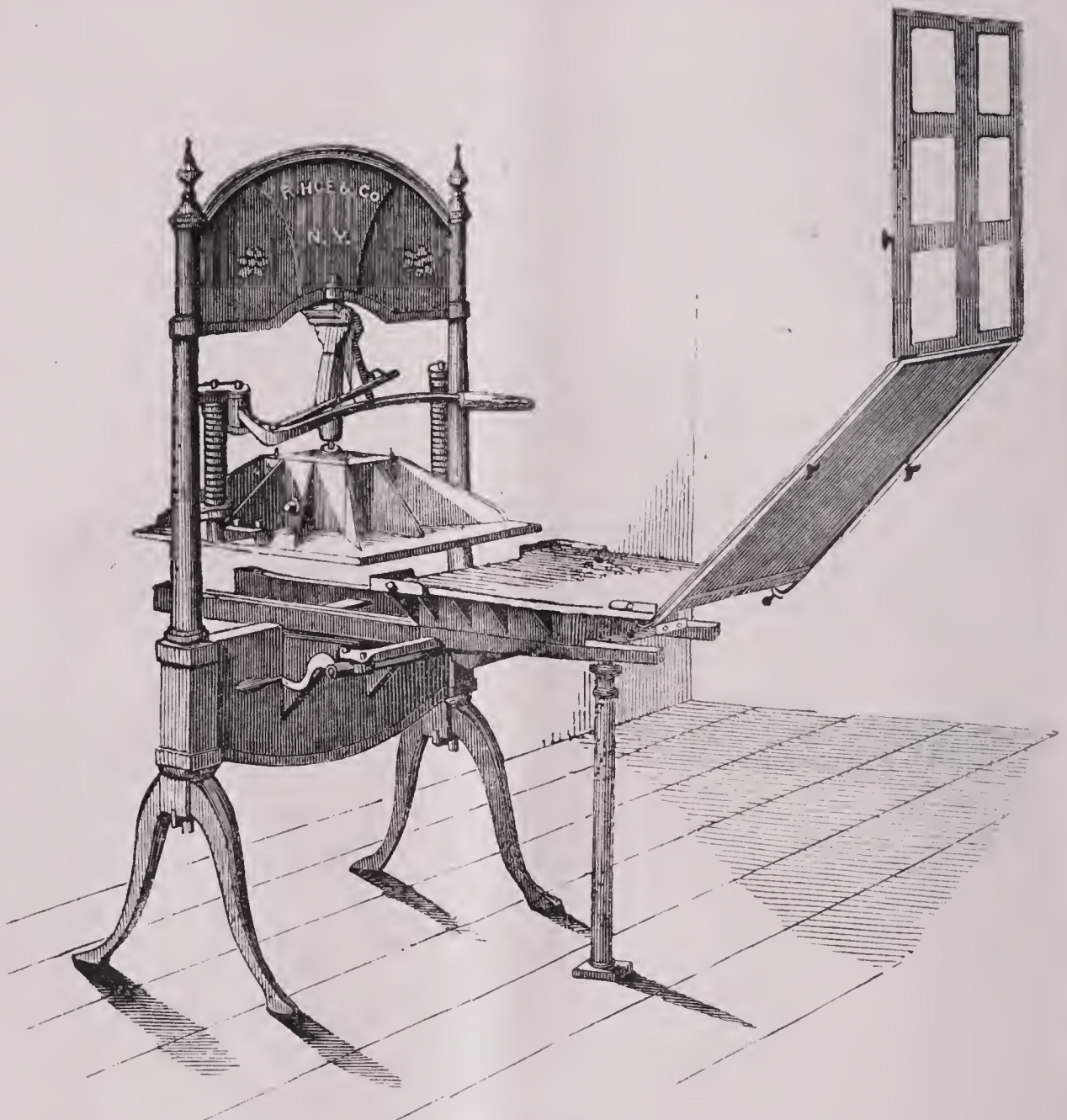


The long-existing want of a cheap and fast press for jobbing, smaller than our cylinder presses, has induced us to get up the "LITTLE JOBBER." This press combines the advantages of speed and durability with convenience, simplicity and cheapness. It is capable of throwing off 2500 impressions per hour with ease, or more, if the feed-boy can supply the sheets, and may even be driven by the foot with a treadle, and works so still, that a person standing a few feet from it, cannot hear it. The manner of running the bed is entirely original and is done by means of a crank and lever, which gives it a slow and uniform motion while the impression is being taken, but a quick retrograde movement, thus combining a slow impression with speed. Another new feature of the press is, that the sheet-flyer is so arranged, that no tapes pass around the impression cylinder, so that whatever sized form is worked, there are neither tapes nor fingers to shift, thus obviating the only objection to that apparatus for a jobbing press. It has an iron feed and fly-board, and all our recent improvements, such as an adjustable knife to the fountain, bearers for the bed, patent feed-guides, &c. &c.

The bed is 16x13 inches inside of bearers, and 18x13 inches without bearers. The press occupies 5 feet by 3 feet.

Price \$600.

Patent Washington Printing Press.



THE celebrity which our Patent Washington and Smith Hand Presses have obtained, and their exclusive and constant use in almost every Printing Office in the United States and other countries, during the last twenty years, renders any remarks upon their superiority unnecessary. They are elegant in appearance, simple, quick and powerful in operation, and combine every facility for the production of superior printing. Each press is tried at the manufactory, and warranted for one year.

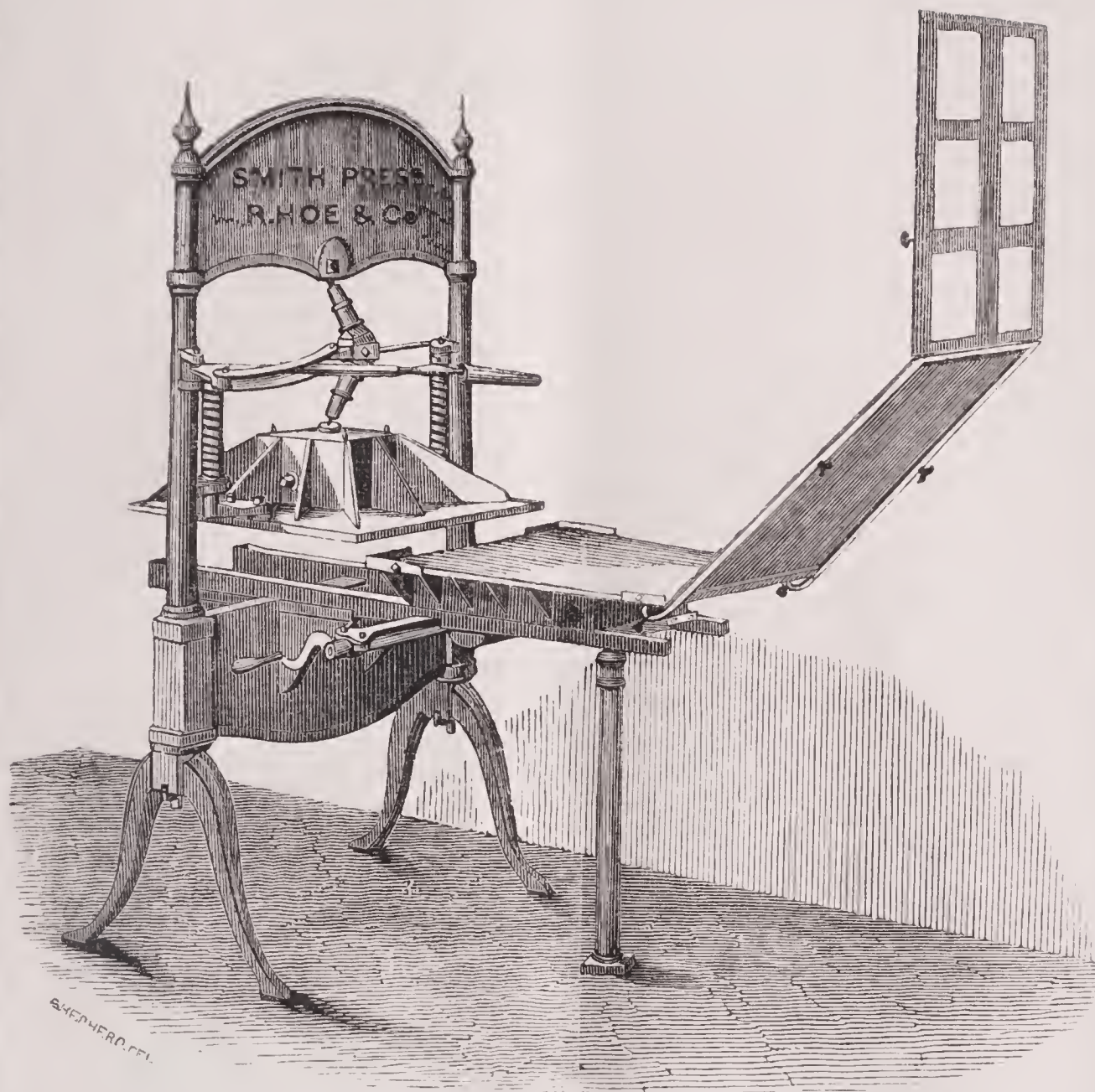
DIMENSIONS AND PRICES OF PATENT WASHINGTON AND SMITH HAND PRESSES.

	Platens.			Beds.		
Mammoth.....	43 $\frac{1}{4}$	by 34 $\frac{1}{4}$ inches.....	48	by 38 $\frac{1}{2}$ inches.....		\$350
Imperial No. 6....	41 $\frac{1}{2}$	by 26	"	by 29 $\frac{1}{2}$	"	260
" " 5.....	39	by 25	"	by 28 $\frac{1}{2}$	"	250
" " 4.....	37	by 24	"	by 27 $\frac{1}{2}$	"	240
" " 3.....	35	by 23	"	by 26 $\frac{1}{2}$	"	230
" " 2.....	32 $\frac{1}{2}$	by 22 $\frac{1}{4}$	"	by 25 $\frac{3}{4}$	"	220
" " 1.	30	by 21 $\frac{1}{4}$	"	by 24 $\frac{3}{4}$	"	210
Super Royal.....	28	by 22 $\frac{1}{2}$	"	by 26 $\frac{1}{4}$	"	200
Medium.....	25	by 19	"	by 22 $\frac{1}{2}$	"	190
Foolscap.....	19 $\frac{1}{2}$	by 14 $\frac{1}{2}$	"	by 18	"	150

Two pairs of points, 1 press wrench, 1 tympan wrench, 1 sheepsfoot, 1 brayer, 1 slice, and one extra frisket are furnished with each press without additional charge.

If the frame is made to be taken in pieces \$10 extra.

Patent Smith Printing Press.



DIRECTIONS FOR PUTTING UP THE WASHINGTON AND SMITH HAND PRESSES.

It will be necessary to observe that all the connecting parts are marked, or indented by points; if these are carefully observed the press may be put together without difficulty.

After setting the frame upon its legs, and putting on the ribs and bed, lay the platen on the bed, placing under it two bearers about type high. Then put the springs in their places, and the nuts over them, and pass the suspending rods through them, observing to place the rods so that the number of indentations on them correspond with those on the platen. Give the nuts two or three turns, then run in the bed, so as to bring the platen under the rods, and screw them fast to the platen, after which put in the bar-handle, standard and lever, (or wedge and knees if a Smith Press.) Turn the nuts on the suspending rods, so as to compress the springs just enough to give the platen a quick retrograde motion, observing at the same time to get the surface of the platen parallel with the surface of the bed.

After having put the press together and levelled it, be particular not to raise the end of the ribs by the gallows, but let it go under rather loose, which will have a tendency to make the bed slide with more ease on the ribs.

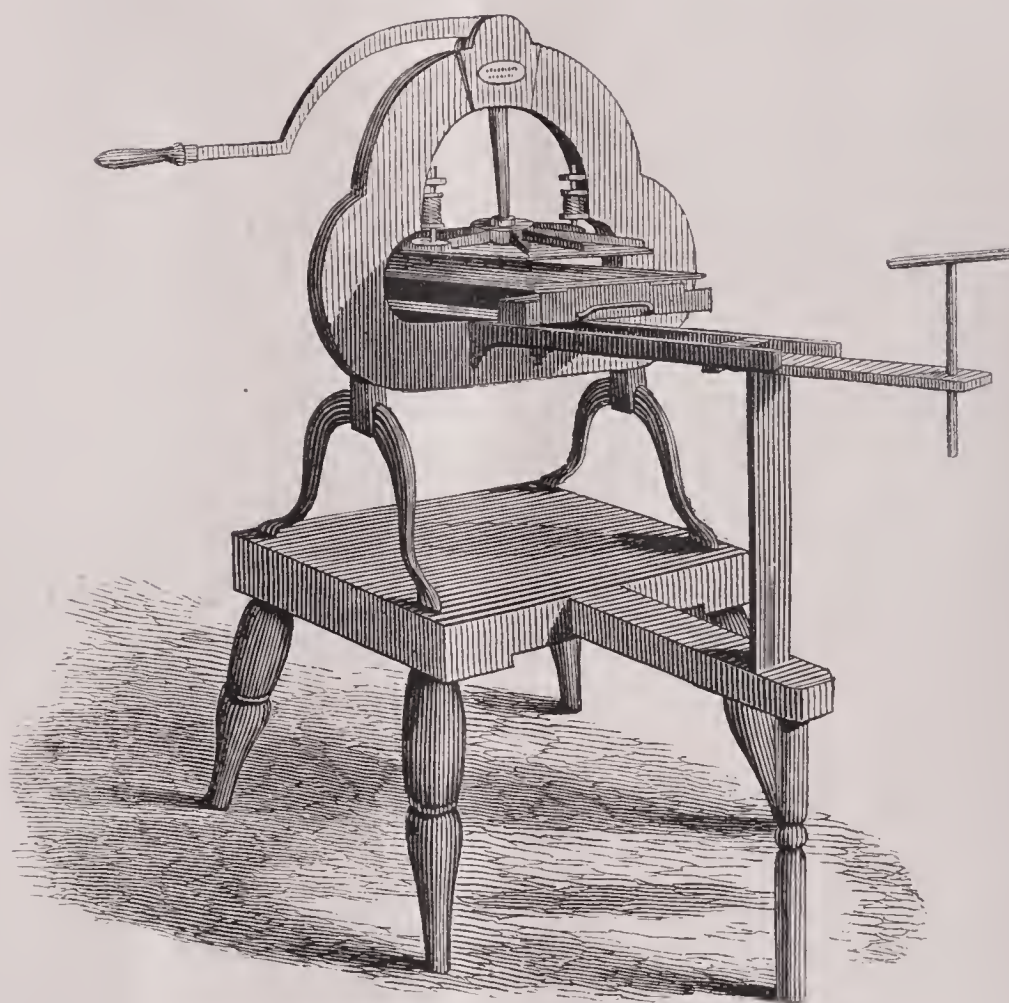
The size of the Press is marked on the *front end* of the platen.

Presses of large size destined for Mexico, South America, or other mountainous regions where there are no carriage roads, have their frames made so that they can be taken to pieces and packed in smaller packages.

(See page 16 for Sizes and Prices.)

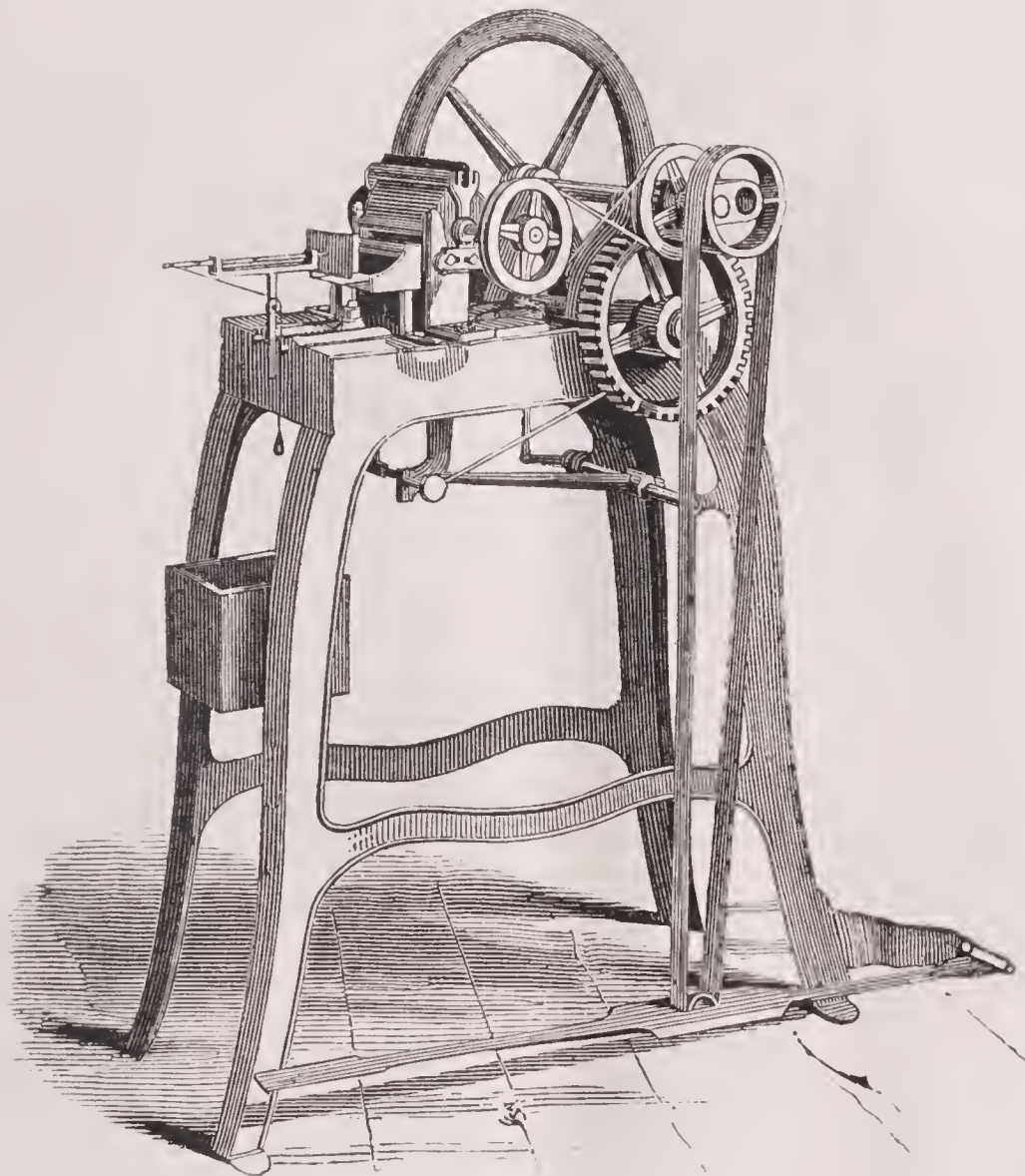
Hand Lever Printing Press,

FOR PRINTING CIRCULARS, HAT TIPS, &c.



SIZES AND PRICES.

Foolscap size, platen $16\frac{1}{2}$ by $13\frac{1}{2}$ inches.....	\$85.
Half sheet, Post size, platen $9\frac{1}{2}$ by 7 inches.....	40.

Patent Machine Card Press.

FOR printing Cards and Small Circulars, this Machine is not surpassed. It is worked by either a crank or treadle, and will print from 1,000 to 1,500 cards per hour, in the best manner, and may be used also for printing note paper and small circulars.

Price \$175.

Size of chase inside $6\frac{1}{4}$ by 5 inches.

Ready Proof Press.

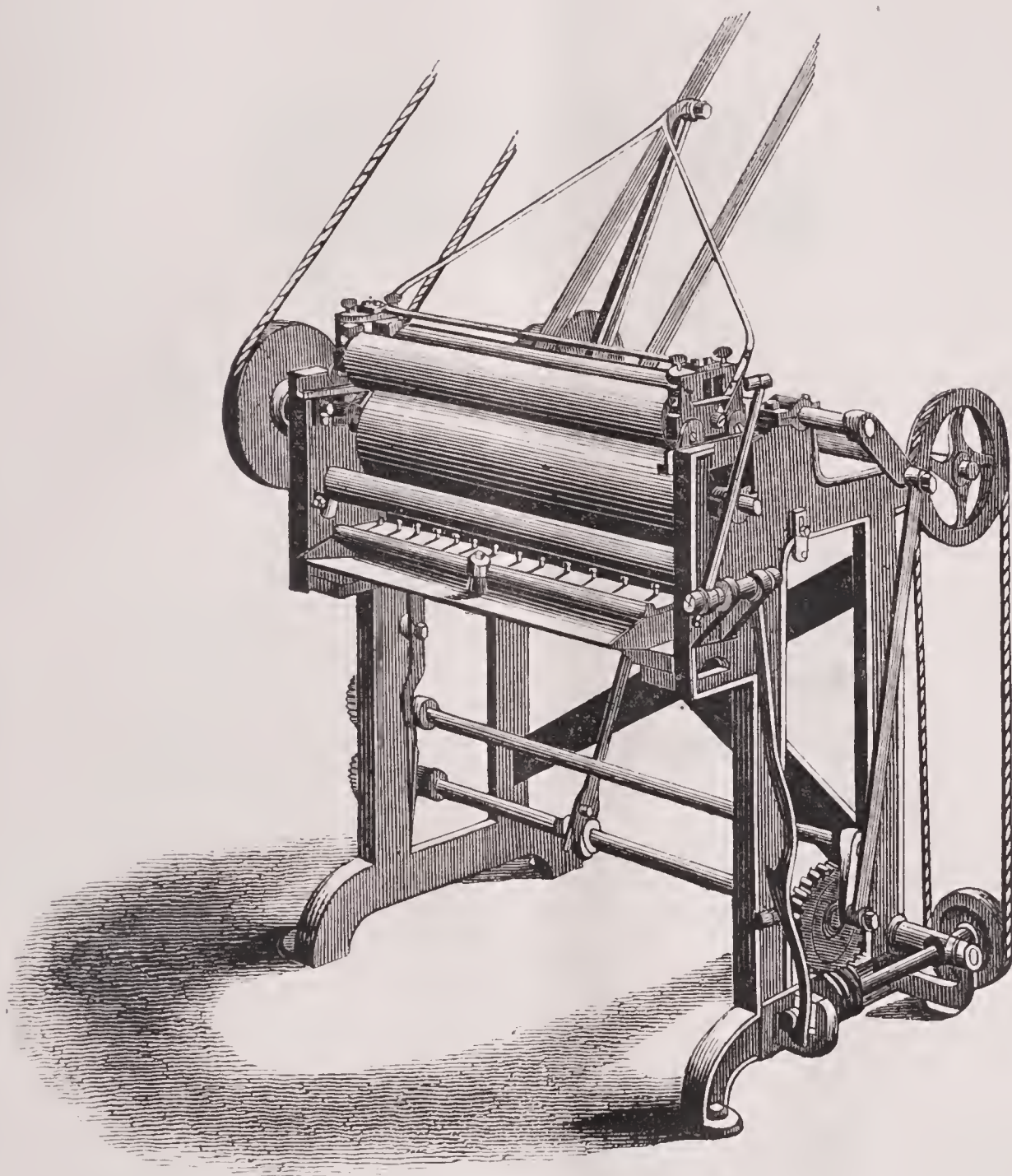


THIS Machine consists of a cast iron table or bed and railway, supported by a cast iron frame. The solid cast iron cylinder is of weight sufficient to give the requisite impression ; there is also a closet, to keep the ink roller and wet paper in, which when open (as shown in the cut) answers for a distributing table.

The cylinder has flanges at each end to prevent it from running off the track ; the surface of the cylinder is turned parallel, and the space between the rails is covered with a blanket ; the railway stands above the level of the bed, as much as the height of the type and the thickness of the galley bottom. The Machine should stand level, so that the cylinder will rest at either end, and when a proof is required, place the galley with the matter in it on the bed, ink it, lay on the slip of paper and roll the cylinder to the other end of the railway.

Price, including proof roller, \$65.

Patent, Hand Press, Steam Inking Machine.

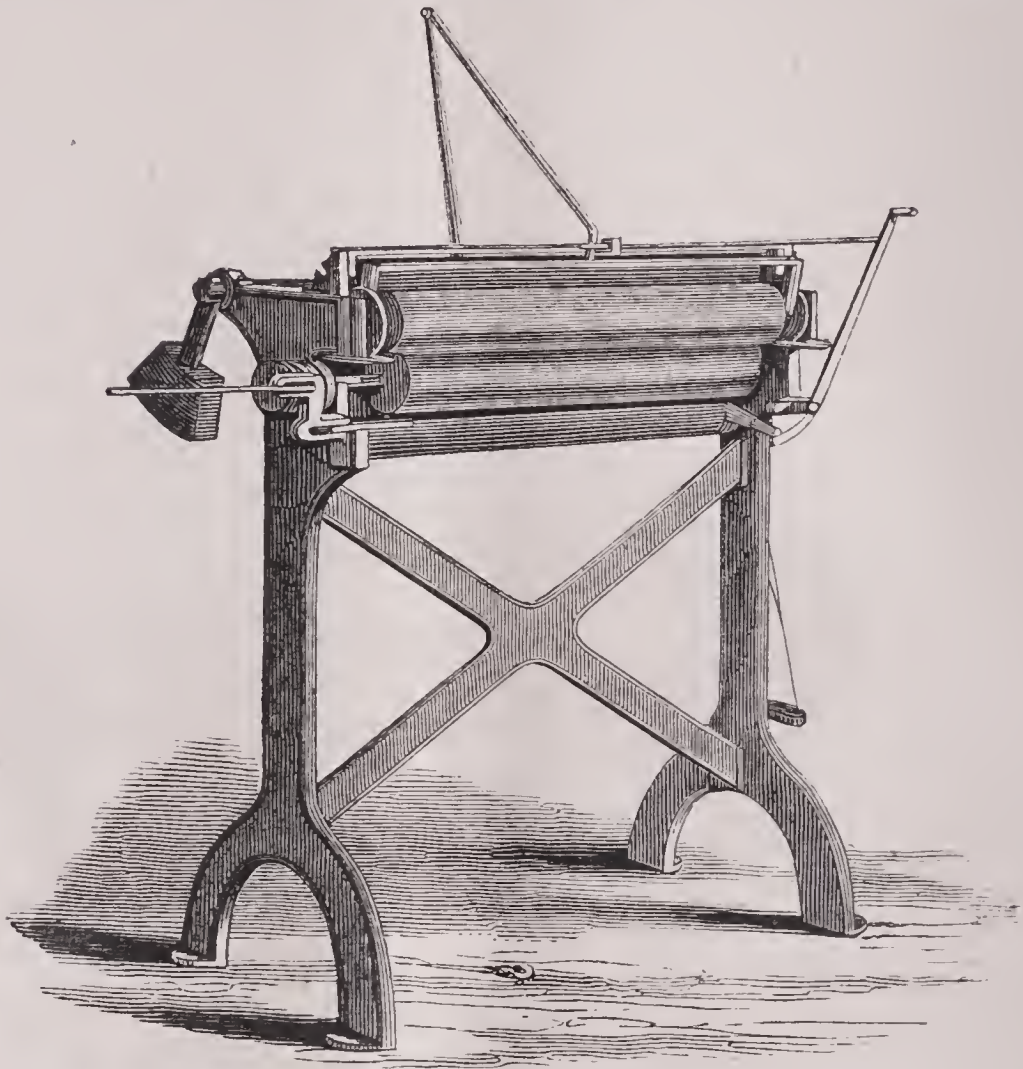


IN consequence of the introduction of wood-cut illustrations into the finest letter-press work, a greater distribution of ink than has been heretofore obtained is rendered necessary. With this object in view we have constructed an Inking Machine, to be attached to a hand press, to be driven by *steam* power. It has two rollers to pass over the form, one or more times to each impression. The strongest inks may be used. The distribution is perfect, and uninterrupted by the operation of the Press. The Machine is not at all liable to get out of order.

SIZES AND PRICES.

Foosleap,	\$135
Medium,	150
Super Royal,.....	165
Imperial,	180
Counter Shaft, Hangers and Pulleys, extra	15

New, Patent, Self-Inking Machine.—1848.



By means of this Machine the Pressman inks the form by the ordinary operation of the Press, and gives a more perfect distribution of the ink. The present machine, patented by Richard M. Hoe, and but recently introduced to the public, is much more simple in its construction, regular in its movements, easier to put up, and is far superior in every respect, to any thing of the kind heretofore in use.

SIZES AND PRICES.

Foolscap, - - - - -	\$75	Super-Royal, - - - - -	\$95
Medium, - - - - -	85	Imperial, No. 1 and 2, - - - - -	110
	Imperial, No. 3, 4 and 5, - - - - -	\$125.	

DIRECTIONS FOR PUTTING UP.

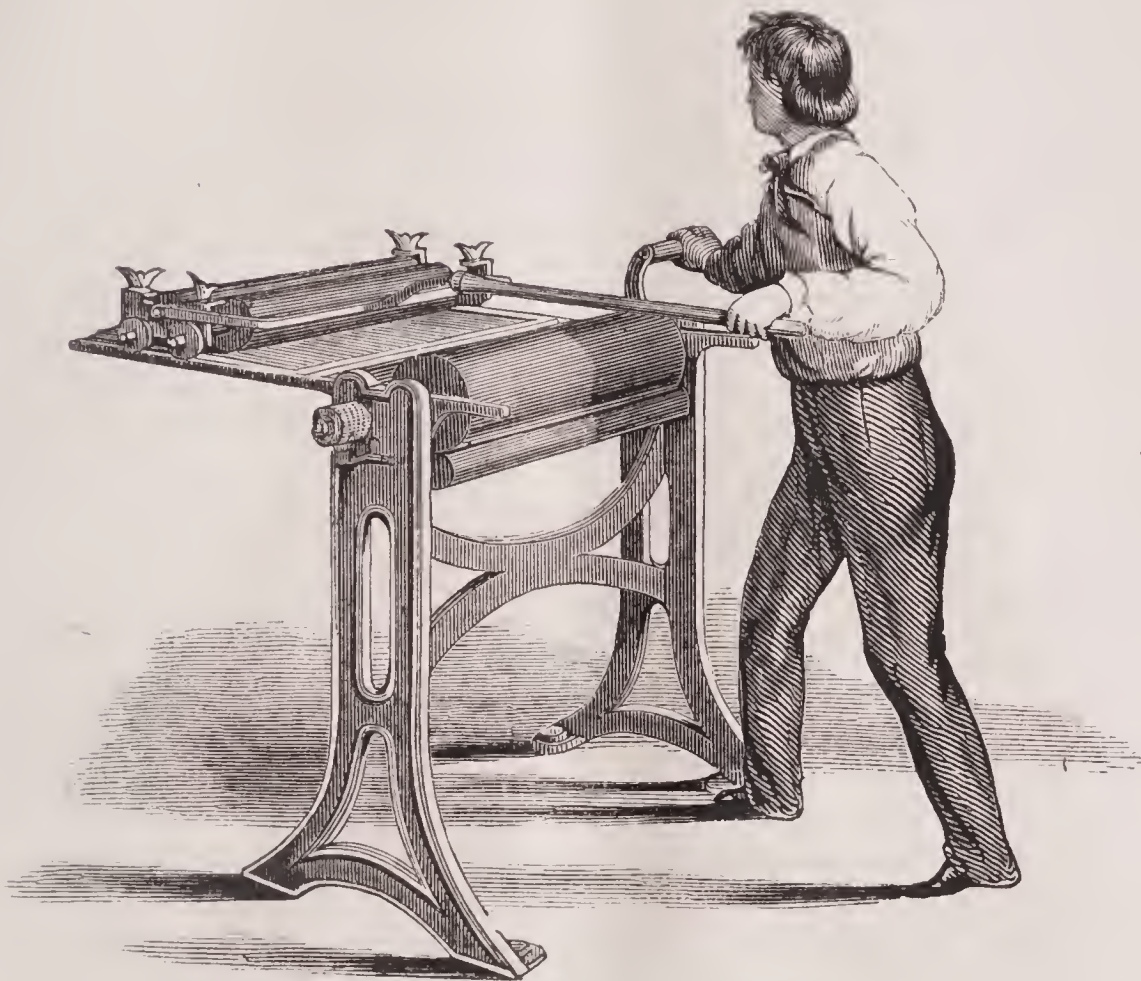
The Machine must be taken from the box in a careful manner, and each part cleaned and laid by itself. Be careful not to derange any of the parts that are already connected.

Commence putting the Machine together, by taking the two side frames and cross pieces, and bolting them together as marked; then put in the piece marked R. Hoe & Co., across the top, and screw that fast. Put the cloth roller in its place, hold it back against the springs while the three inch distributing roller is put in and screwed fast with the bolts for that purpose. The back shaft, with levers attached, should next be put in its place, the caps screwed down, and the weights put on by bearing down the ends of the levers that the chains are hooked to, until the opposite end is sufficiently raised; slide them on as marked, make them fast and lower them carefully into the stud that is screwed to the side frame for that purpose. Then hook the chains to the levers as marked, connect the opposite end of the leather cord to the shaft on the distributing roller, by putting it through the hole from the side marked with a point, until it comes to a piece of twine that is tied around it, then turn the set screw in the end of the shaft, and make it fast. The roller carriage should next be attached to the lever on the weight shaft, and placed upon its bearings, and the sliding rod that works through a projection on the same piece put in its place, which prevents the carriage from running out. The fountain can now be put into its place without disturbing any of the parts that are adjusted. Put the counter balance on, so that the two dots shall come together, and make it fast by turning the set screw in the lever.

The Machine must be placed behind the Press as near to the bed as possible, and allow the bed to pass without touching; two wrought iron bearers are to be laid one across each end of the bed exactly the proper distance apart so as to receive the wheels of the roller carriage; when it is required to work with an old Press, it will be necessary to cut notches through the corner irons on the side towards the Machine, to receive the bearers; but when the Press and Inker are ordered together the corner irons are fitted for the bearers, and you have only to place them in the notches. The Machine must be levelled up so that the two projecting pieces on which the wheels of the roller carriage rest, shall be exactly on the same level as the bearers on the bed of the Press; the Machine must stand parallel with the bed, so that the wheels of the roller carriage will roll across and back without running off the bearers.

Hoe's Improved Inking Apparatus.

(FOR THE HAND PRESS.)



With vibrating cylinder, railway, and carriage to work one ink roller,

Imperial, Nos. 5 and 6,.....	\$45 00
Do. " 1, 2, 3, and 4,.....	40 00
Super Royal,.....	37 50
Medium,.....	35 00
Foolscap,.....	32 50

With vibrating cylinder, railway, and carriage to work two ink rollers,

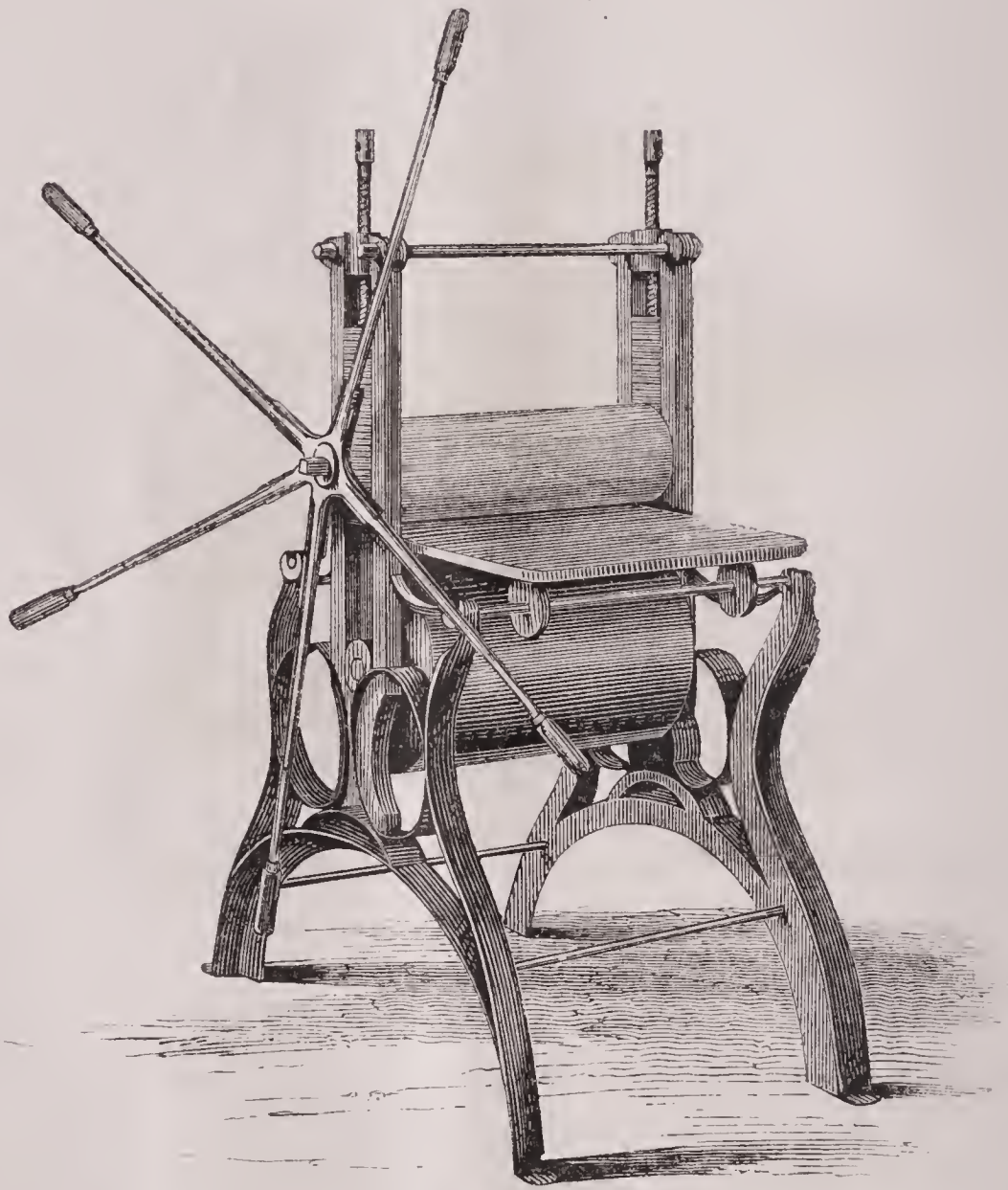
Imperial, Nos. 5 and 6,.....	\$52 00
Do. " 1, 2, 3, and 4,.....	47 00
Super Royal,.....	44 50
Medium,.....	42 00
Foolscap,.....	39 50

DESCRIPTION.

THE large distributing cylinder vibrates. There are two rollers* to ink the form, moving in a carriage with four wheels. The wheels on one end are plain, those on the other have a projecting flange in the middle of the rim. Two wrought iron rails are to lie on the bed, outside of the chase; one of them having a groove cut in the top of it, to receive the projecting flanges on one pair of the wheels, the other level on the surface. Projecting from the distributor frame are two short rails, on which the wheels rest while the rollers are receiving ink from the distributing cylinder. The machine must be set up behind the press so that the short rails on it shall agree exactly with the rails on the bed of the press when it is run out, both in height and width. The brasses in which the inking rollers run have adjusting screws to regulate them, so that they may bear more or less on the type, as circumstances may require.

* Unless the order be for one roller only.

Iron Copperplate Press.



Bed 10 inches wide.....	\$90	Bed 24 inches wide.....	\$200
" 12 "	100	" 26 "	225
" 15 "	115	" 28 "	255
" 18 "	145	" 30 "	285
" 21 "	175		

The side frames, cylinders and bed are made of cast iron ; the cylinders are turned and the bed planed perfectly true. The shafts through the cylinders, the braces, arms and screws, are of wrought iron ; the bearings of composition.

Presses of a very large size have attached when required, a combination of gearing that will work with ease under the greatest pressure.

Every material connected with Copper-plate Printing supplied.

Improved Lithographic Press.



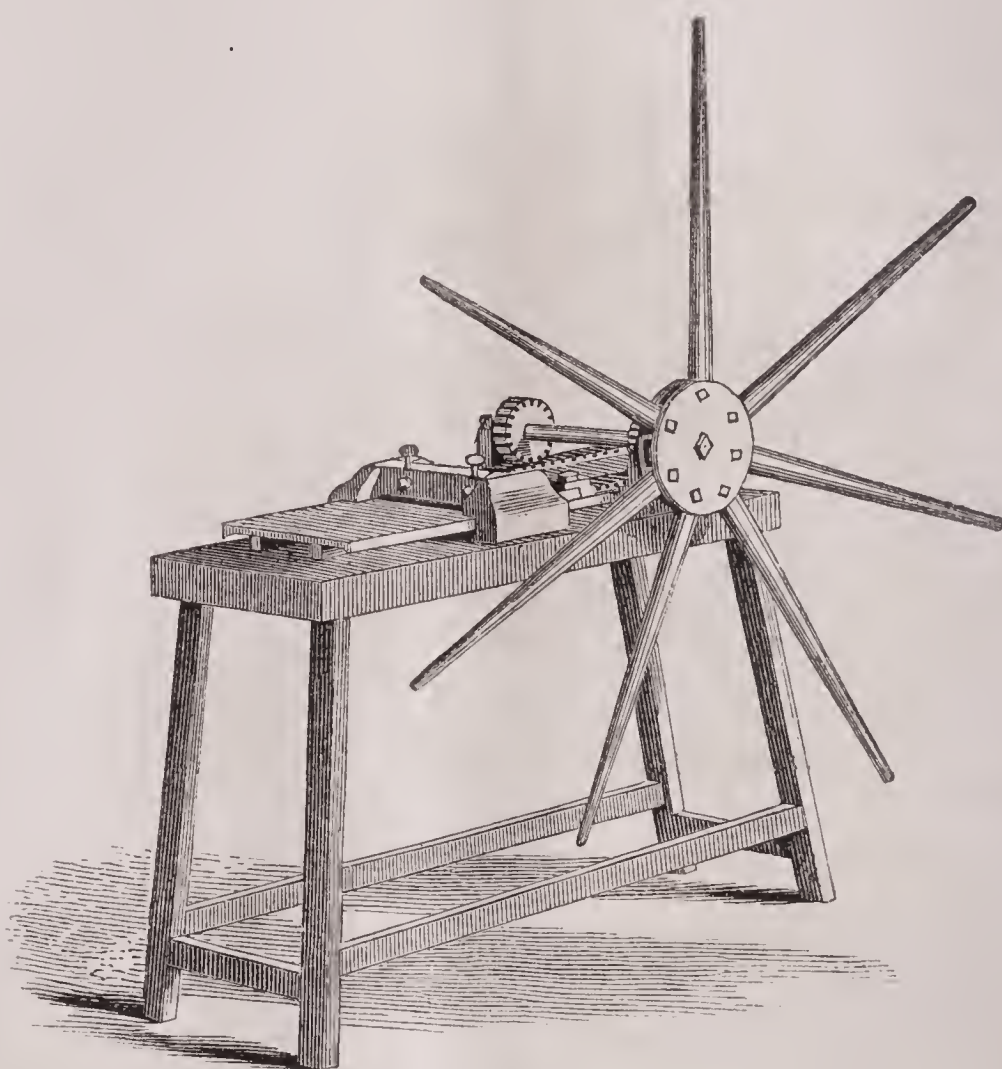
THIS is believed to be the best Press in use, for lithographic printing. The side rods and top beam are made of wrought iron; the bed and stone are raised to the scraper by a lever and steel cam, working on a steel friction roller; the impression is regulated by a single screw through the top beam; the scraper is hung on a pivot, that it may accommodate itself to inequalities in the surface of the stone; the bed is made of the toughest ash, plated with iron, with iron runners, which run on friction rollers; the tympan frame is wrought iron, with screws and nuts for stretching the tympan. The larger sizes are geared, so as to enable the printer to take an impression from the largest stone with ease.

SIZES AND PRICES.

Dimensions of the bed—19 by 24.....\$150	Dimensions of the bed—28 by 39.....\$275
“ “ 24 by 29..... 200	“ “ 38 by 48..... 350

Every material connected with Lithographic Printing furnished.

Stereotype Shaving, or Planing, Machine.

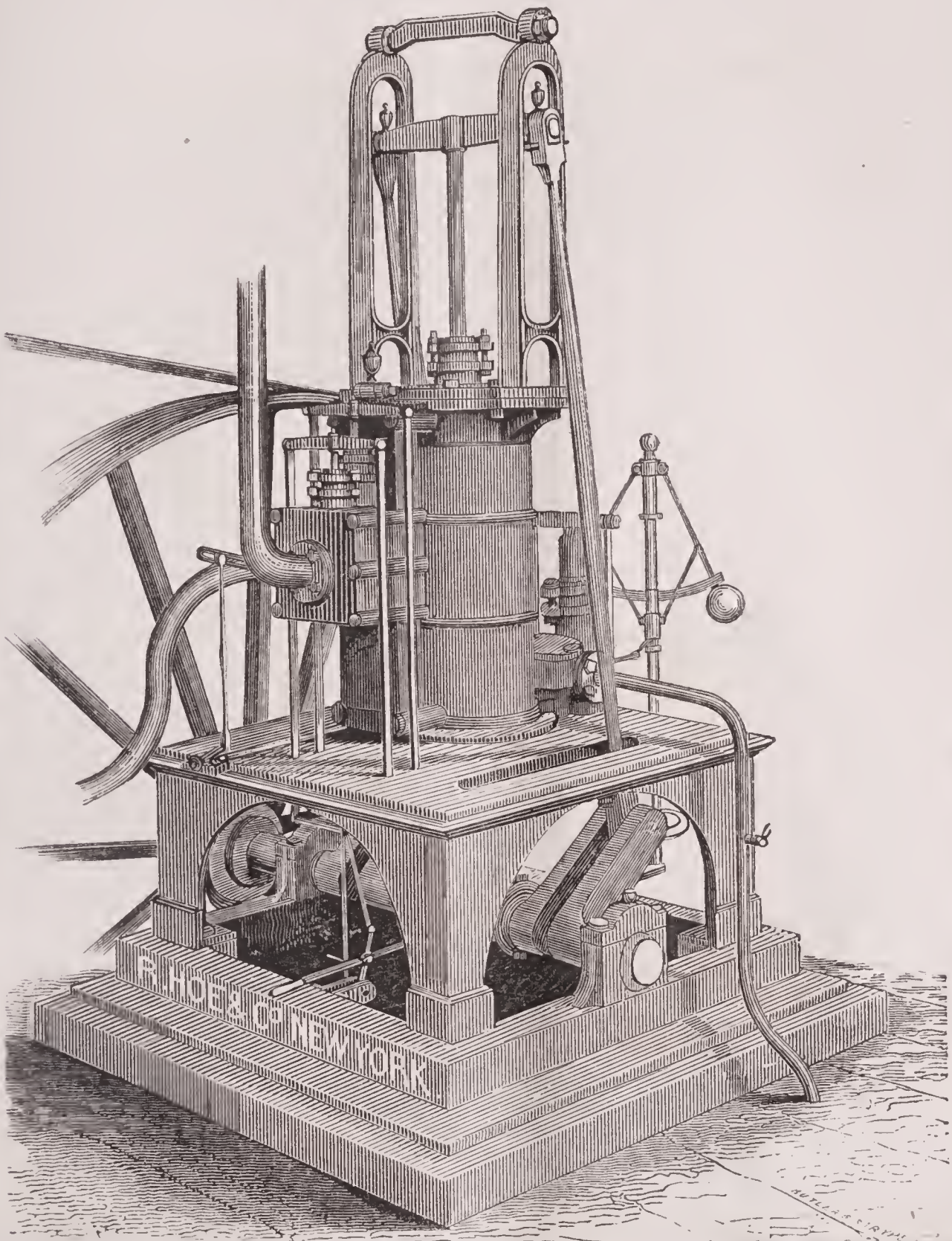


THIS Machine, for *thicknessing* stereotype plates, is made of wrought and cast iron, and rests upon a wooden bench. It consists of a cast iron bed-plate planed perfectly true on the face and edges, with bearings projecting above to receive a wrought iron shaft with two case-hardened pinions on it, between the bearings, and a hand windlass with arms outside, on one end. A sliding head with a knife attached, that can be adjusted by set screws, has two racks attached to it, by which it is impelled by means of the windlass and pinions forward and backward over the stereotype plate, (which is placed on the bed,) until it is reduced to the required thickness.

PRICE \$100.—EXTRA HEAD \$25.

Other materials for stereotypers furnished to order.

Vertical Steam Engine.



THIS engraving represents a high pressure steam-engine, that is admirably adapted to the impelling of machinery for printing, and other manufacturing purposes, where room is valuable, as it occupies but little space.

These engines are remarkable for symmetrical proportions, compactness, great strength, and excellent workmanship.

FIFTEEN HORSE POWER.

Cylinder 11 inches diameter, 22 inches stroke,.....\$1600 00.

TEN HORSE POWER.

Cylinder 9 inches diameter, 22 inches stroke,.....\$1350 00.

Locomotive, flue, or plain cylinder boiler, for ditto, with steam chamber, extra price.

FIVE HORSE POWER.

Cylinder 6 inches diameter, 16 inches stroke,.....\$1000 00

Locomotive, flue, or plain cylinder boiler, for ditto, with steam chamber, extra price.

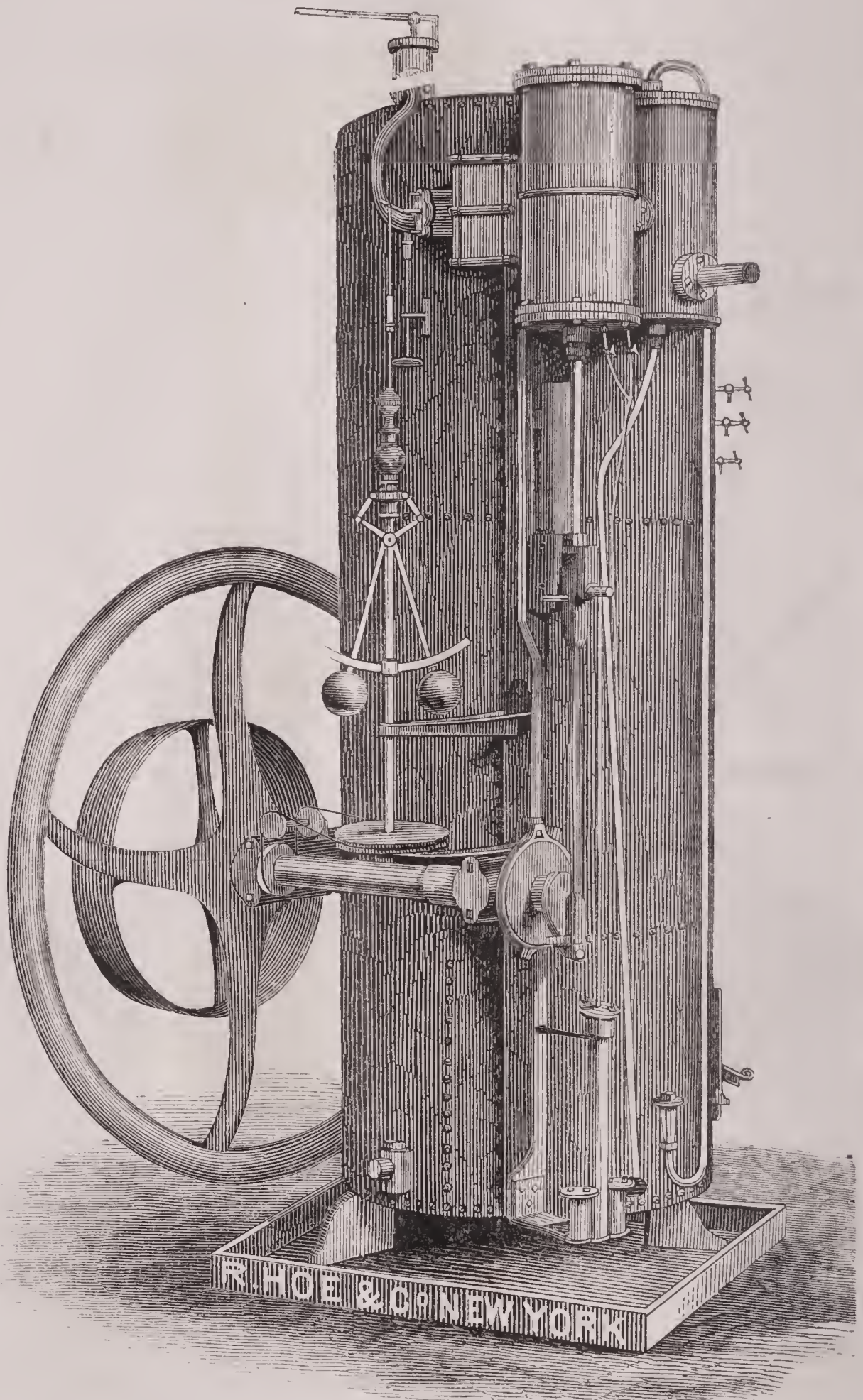
The pedestal of 5 horse engine is 3 feet 2 inches by 2 feet 10 inches.

The band fly-wheel of ditto is 5 feet 9 inches diameter, and weighs 1700 lbs.

The pedestal of 10 and 15 horse engine is 4 feet by 3 feet 5 inches.

The band fly-wheel of ditto is 7 feet 3 inches diameter, and weighs 2750 lbs.

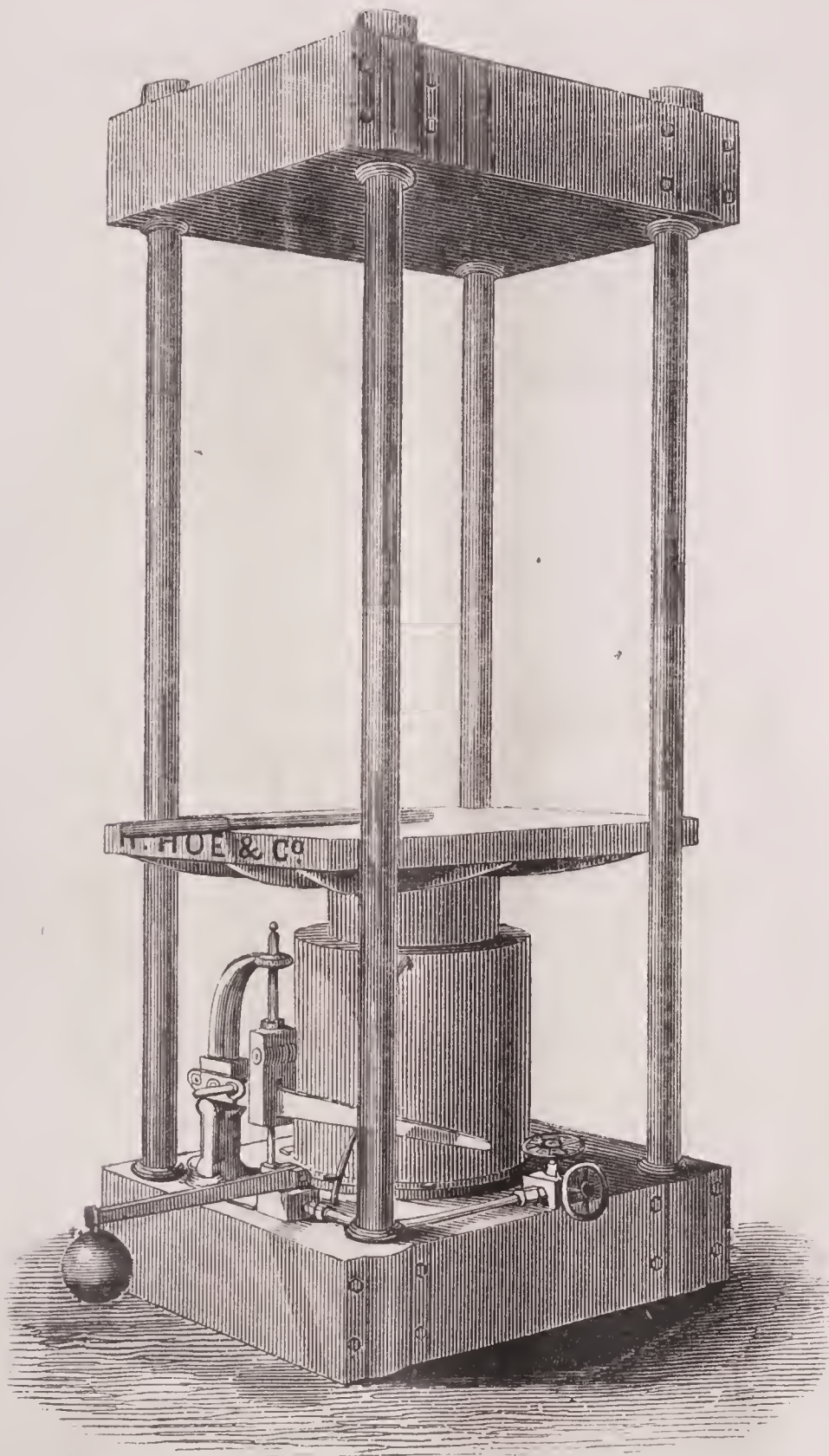
Portable Steam Engine and Boiler.



THE cut represents a vertical, tubular boiler, with a steam-engine attached. A cylinder containing a coil of copper pipe receives the exhaust steam; the cold water from the pump passes through this coil and becomes heated before it enters the boiler. The whole is so constructed as not to require any extra foundation or extraneous bracing. It occupies about 4 feet square, and is 8 feet in height.

Cylinder 5 inches diameter, 10 inches stroke—from 3 to 4 horse power.....\$600.

Hydrostatic Press.



On the introduction of cylinder presses and steam power for Book and Job Printing, the screw standing press was found to be inadequate to the task of pressing the printed sheets, hence the introduction of the Hydrostatic Press for that purpose. We, for several years, made them with *cast* iron cylinders, and they answered well for sheets as large as super royal; but now, when most of the book printing is done on paper as large as double medium, and some even as large as quadruple super royal, we have found it indispensably necessary to make the cylinders of solid *wrought* iron.

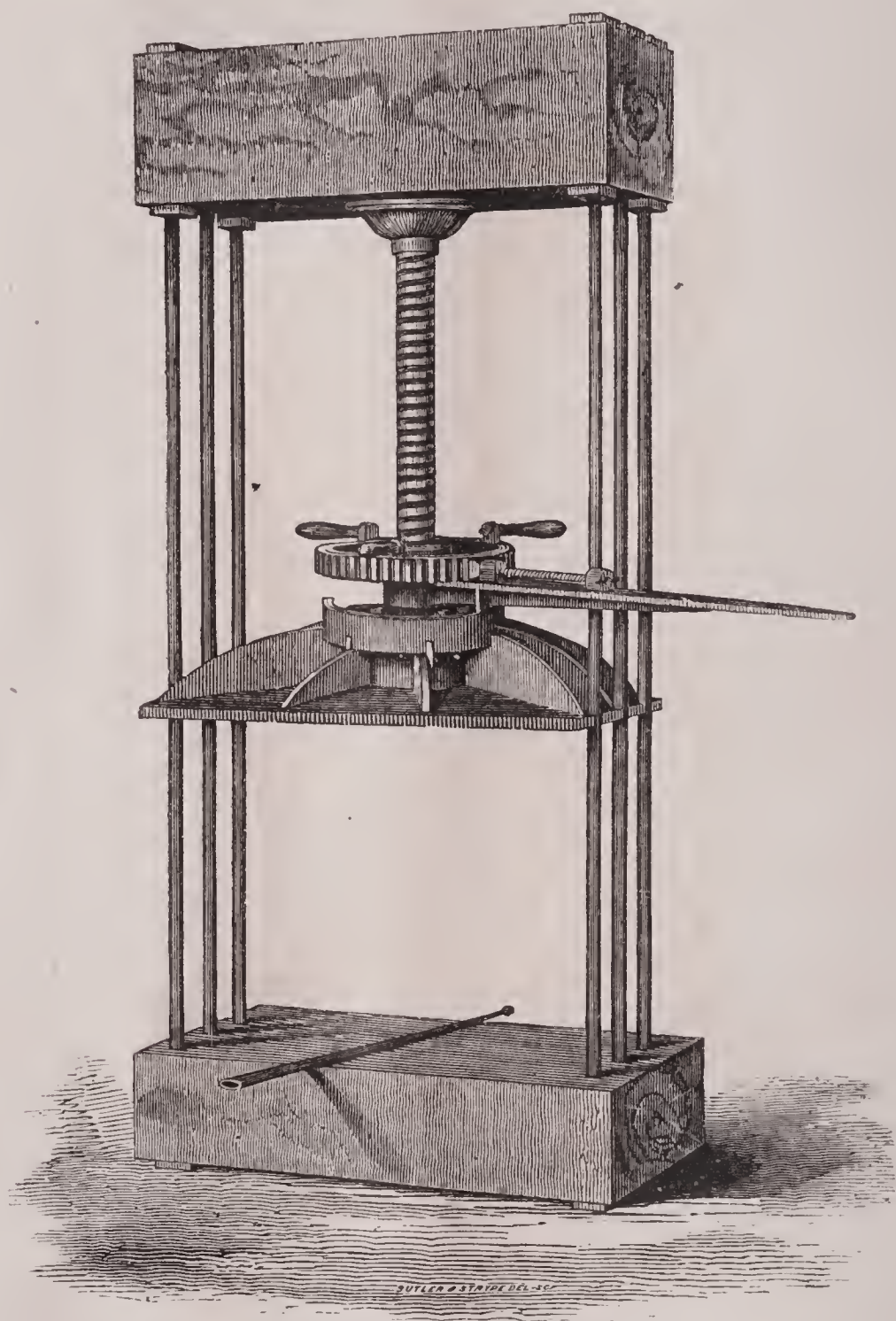
SIZES AND PRICES.

8 inch Ram, with Single Pump, platen 40 by 26 inches (6 ft. space)	\$800
10 " " " " 44 by 28 " "	1,200
12 " " " " 46 by 32 " "	1,350

With separate cistern and one pump \$50 extra. Larger and smaller sizes to order.
 " " " " two pumps \$150 extra.

Also made to work by steam power, with one or more pumps.

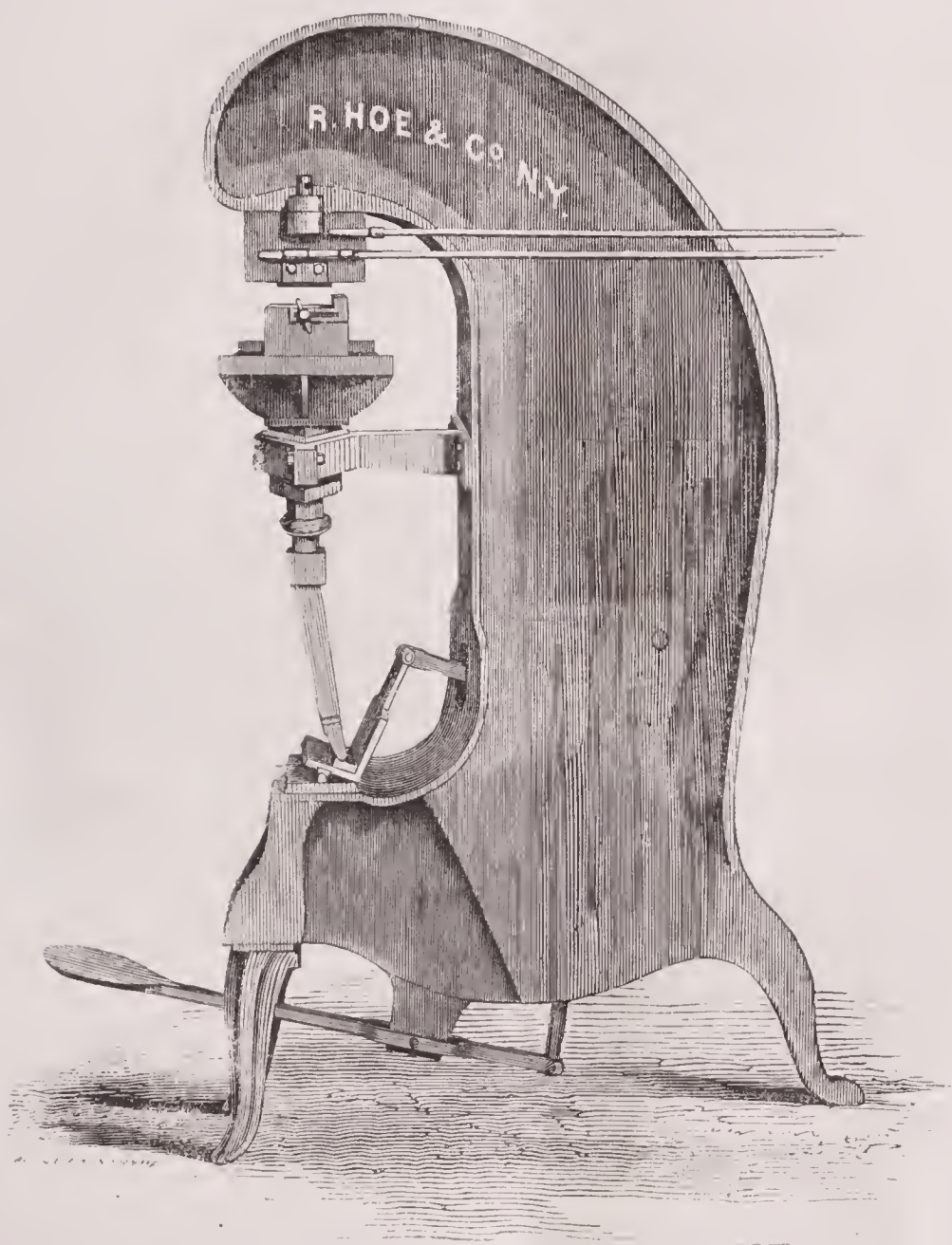
Improved Screw Standing Press.



ABOVE is shown a Standing Press with a wrought iron, faggotted screw, with hardened steel point, composition box, and cast-iron platen planed true on the face; it is operated by a ratchet wheel, pawl and lever. The head and bottom are made of the best white oak timber, well seasoned, and secured by iron plates, bolts and nuts, and connected by wrought iron rods, with screws and nuts above and below.

2½	inch	Screw,	between	rods	26	inches.....	\$100
3	"	"	"	"	30½	"	120
3½	"	"	"	"	31½	"	145
4	"	"	"	"	33½	"	185

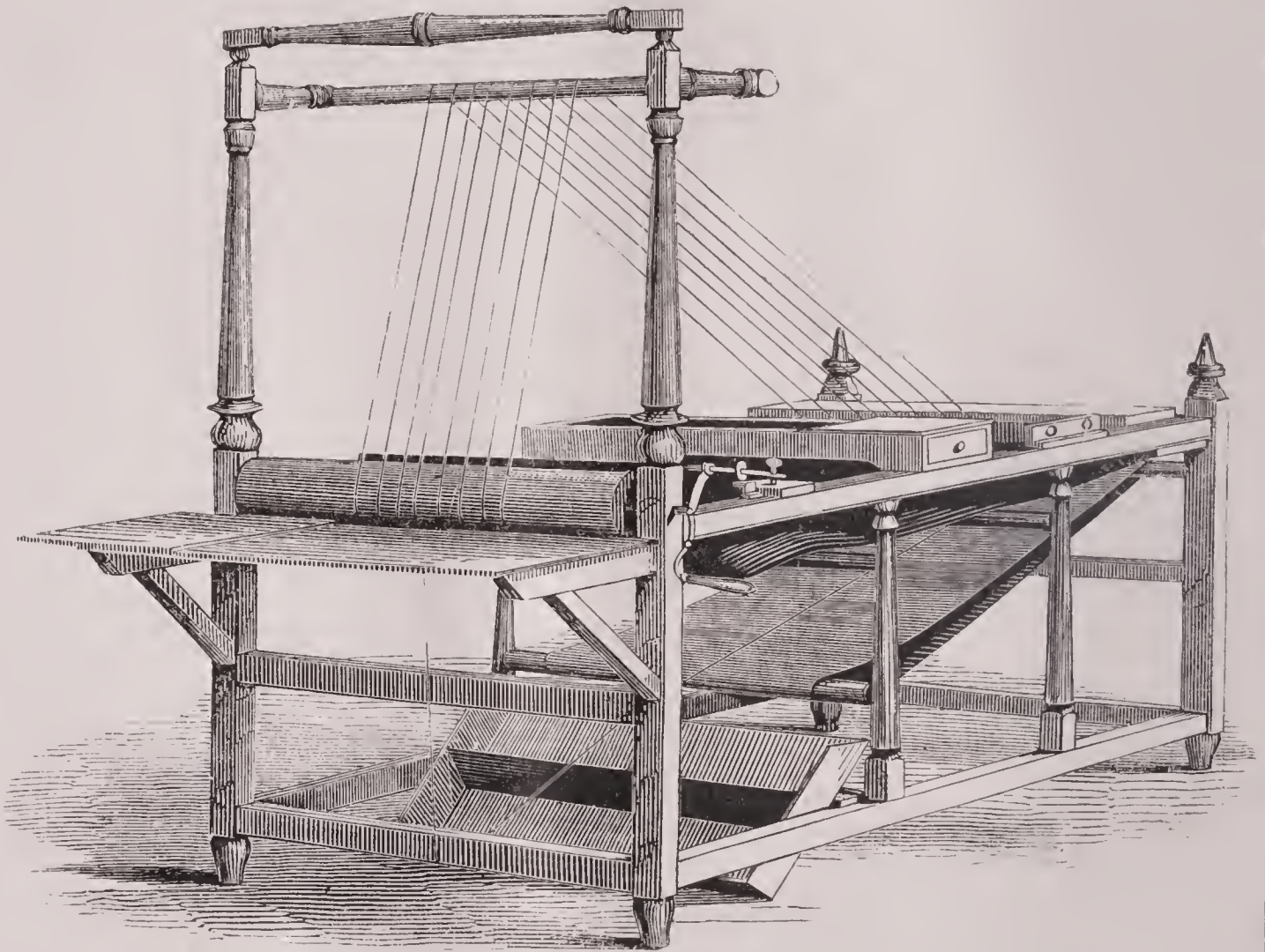
Bookbinders' Arming, or Stamping, Press.



WITH this Machine the pressure is applied by means of a treadle, thereby allowing the operator the use of both hands to feed and fly with ; also enabling him to apply an immense pressure with but little exertion. The *form* being stationary, it may be heated by steam if required.

PRICE \$250

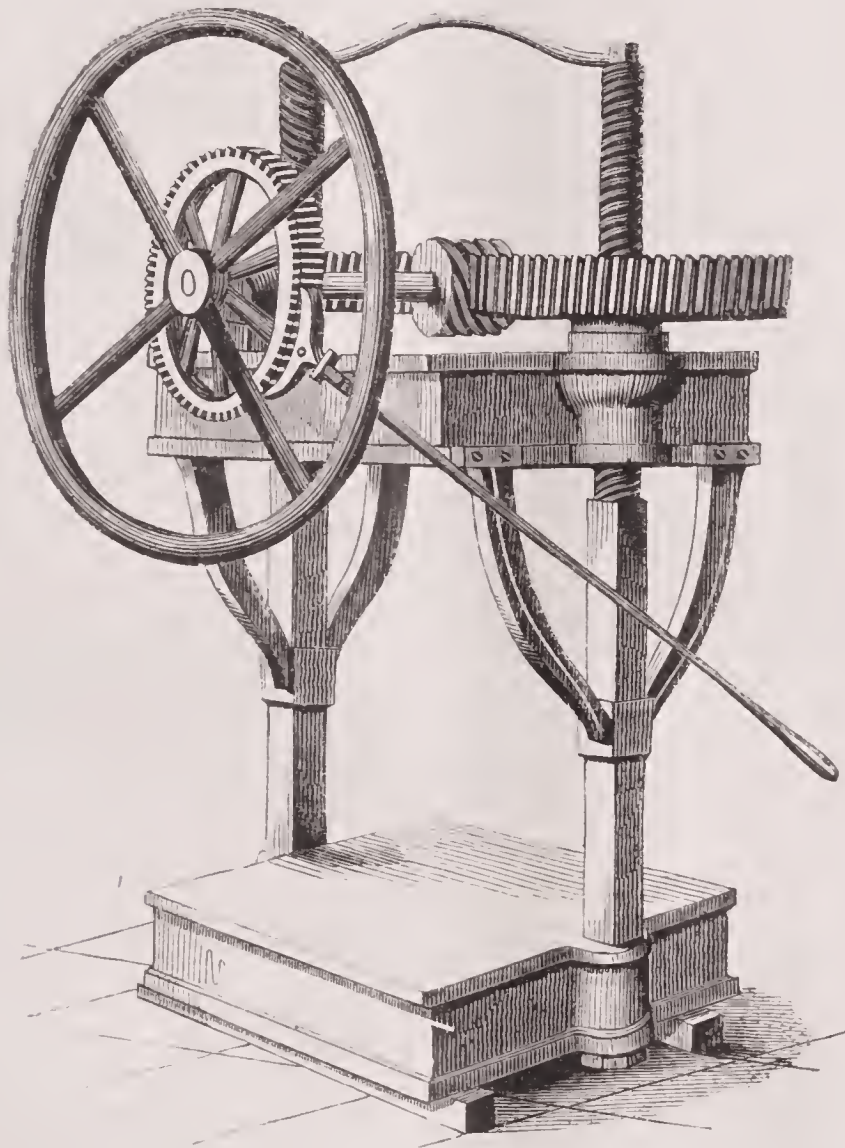
Ruling Machine, for Blank Books, Bills, Letters, &c.



THIS Machine is universally allowed to be the best in use, for the purpose. The principal cylinders are made of the best mahogany, staved upon iron shafts; the bearings are all made of brass, accurately fitted. The two series of cylinders are, with their cloths, made adjustable by set screws. No pains or expense is spared in selecting material that is well seasoned, and every way unexceptionable; and every precaution is taken to render the machine as perfect as possible.

PRICE \$125.

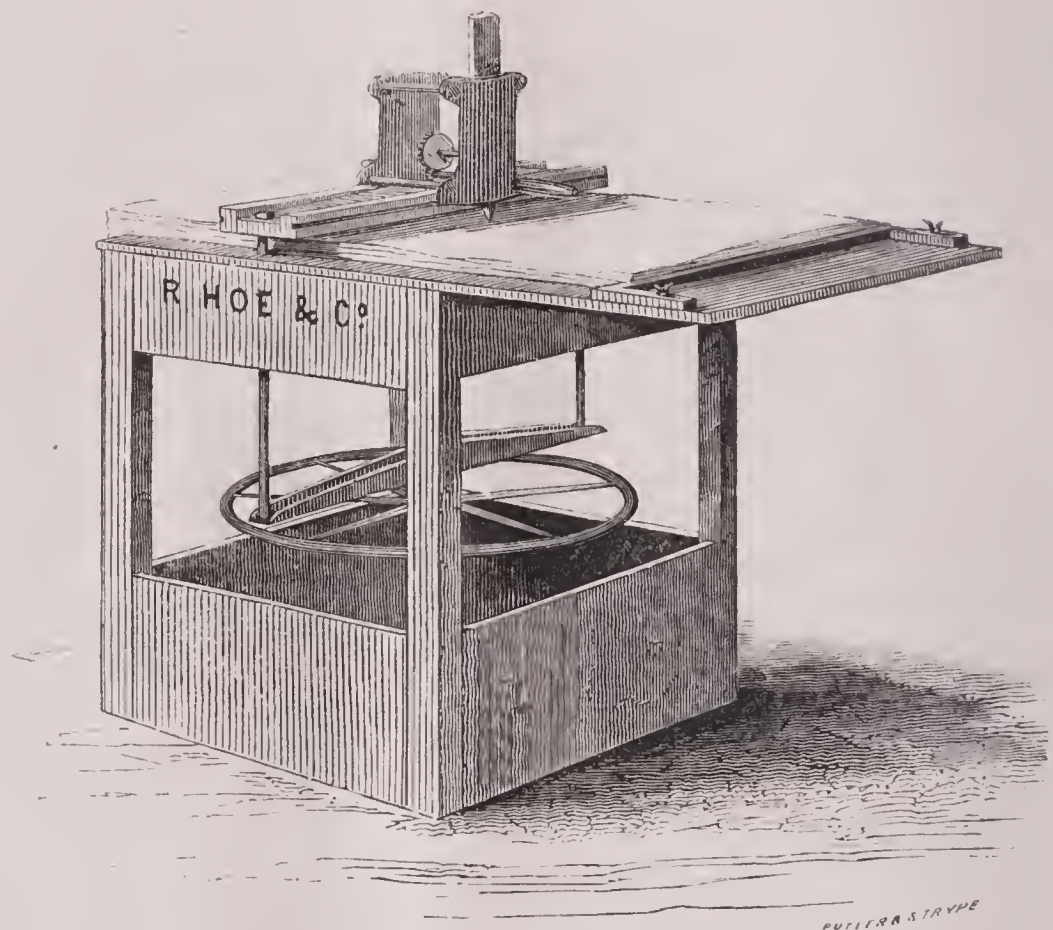
Improved Geared Standing Press, with two Screws.



MANY Combination Screw Presses have been offered to the trade, but we believe the above is more simple, strong, and powerful, and less liable to get out of repair than any heretofore in use. It is the next best article to the Hydrostatic Press.

Double Medium Size, 29 inches by 45 inches.....\$450

Paper Cutting Machine.

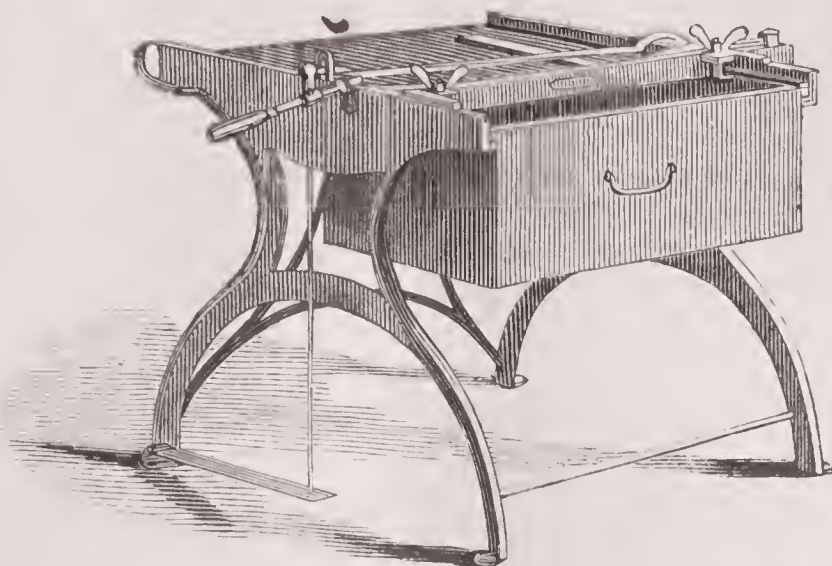


THIS cut represents a machine that is used by printers and others for cutting paper. The working portion of the machine is made of wrought and cast iron, steel and brass, and is supported by frame work and a table of wood. The knife is attached to a vertical slide with a rack on one edge of it; this is moved up and down by a pinion, that turns in bearings on a head or carriage, which slides horizontally over the table. The parts above and below the table, are connected by wrought iron rods and a screw. A hand wheel attached to the screw is used to raise the horizontal slide, so as to admit the paper under it, and then to screw it down and press it hard upon the top of the table. The operator takes hold of the pinion shaft, which serves as a handle, and slides the carriage, with the knife in it, across the paper, at the same time turning the pinion so as to force the knife down and cut the paper.

It will cut paper as wide as 27 inches.

PRICE \$50.

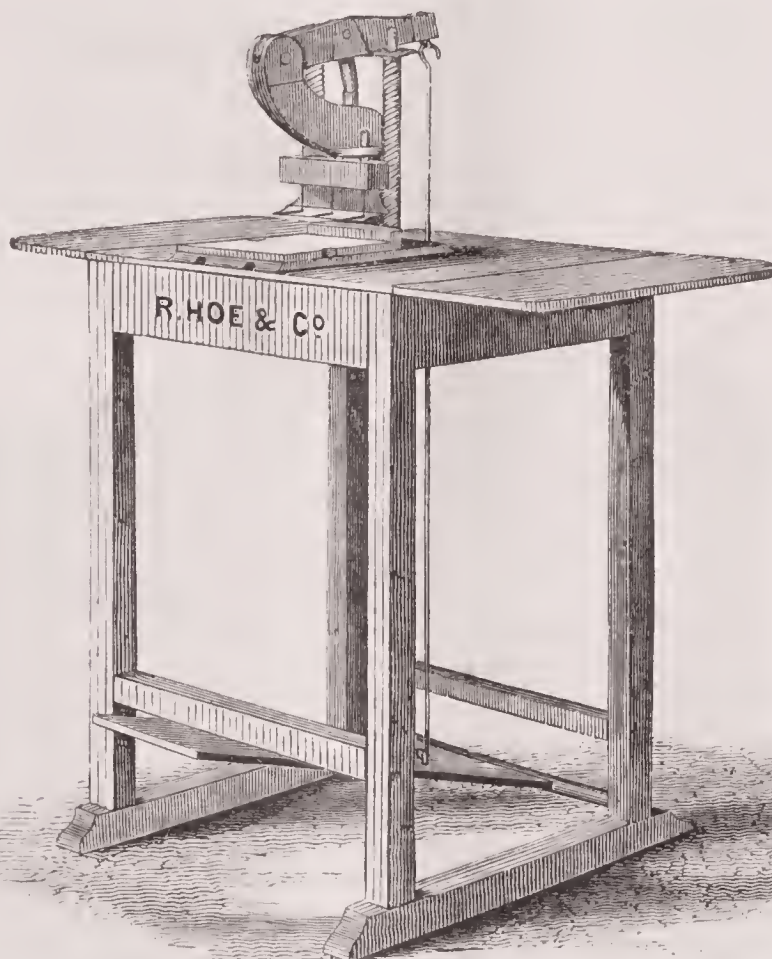
Shears and Table for Cutting Bookbinders' Mill Board.



THE frame and table are made of cast iron, and are fitted up in the most substantial manner. The table and guages are planed perfectly true. The cutters are of cast steel, and can be adjusted by set-screws, taken off to be re-ground, and when worn out they can be replaced with but trifling expense. In addition to the usual guages there is a spring lever, suspended over the board, that (when the board is placed against the guage) is brought down by the operator placing his foot on a treadle; this holds the board so firm as to preclude the possibility of its slipping. The blades of the shears are 29 inches long.

PRICE \$75.

Piercing Machine, for Pamphlets, &c.



THE needles are held suspended by a spring, and when the book or pamphlet is adjusted, are forced through it by a treadle. It is rapid and efficient in its operations, simple, durable and cheap.

PRICE \$30.

Improved Copying Presses.

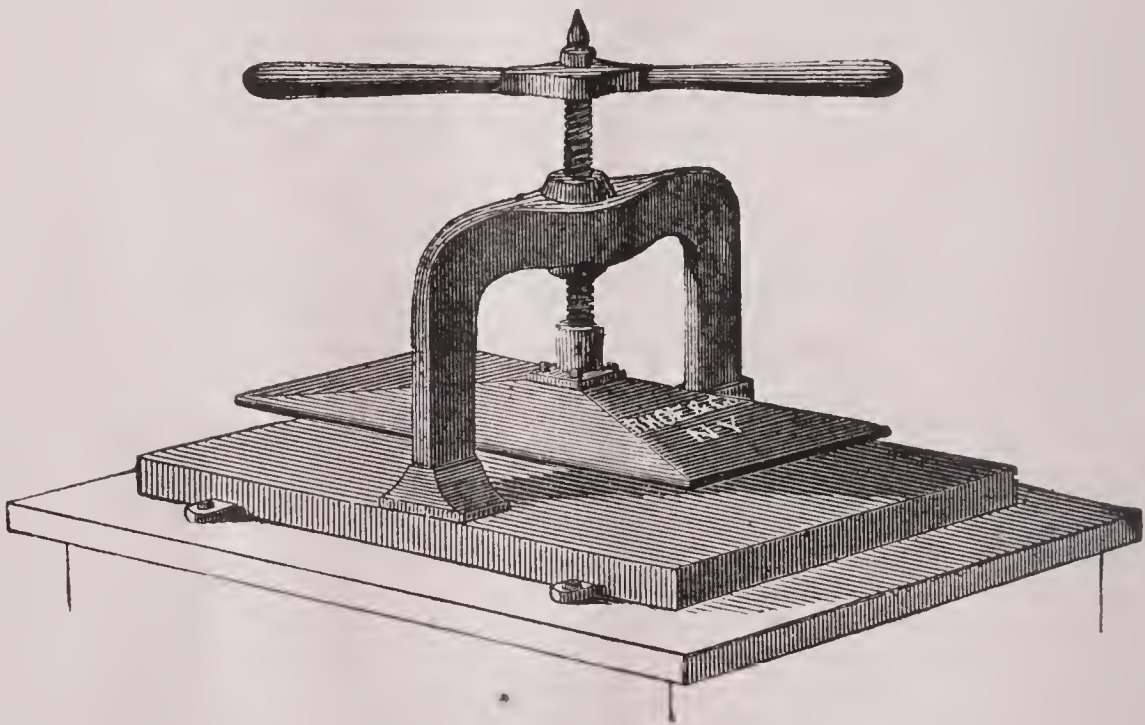
WE manufacture and keep constantly on hand, various kinds of Copying Presses, the most approved of which are here represented. The impression surfaces of all our presses are turned perfectly true, so that a uniform and perfect copy may be obtained with ease and expedition. Copying Ink, Copying Paper, and Copying Books, of the best quality.

DIRECTIONS FOR COPYING.

For copying in the book, lay a sheet of oiled paper under the sheet on which you intend to take the copy, dip the brush in water and dampen the leaf, take off the surplus water with blotting paper, turn the leaf over and dry the other side likewise, then lay the letter in the book, turn the damp sheet on the letter, and lay a sheet of oiled paper on that, close the book, and put it in the press.

For copying on a loose sheet, the same directions are to be observed.

FRENCH SCREW PATTERN.

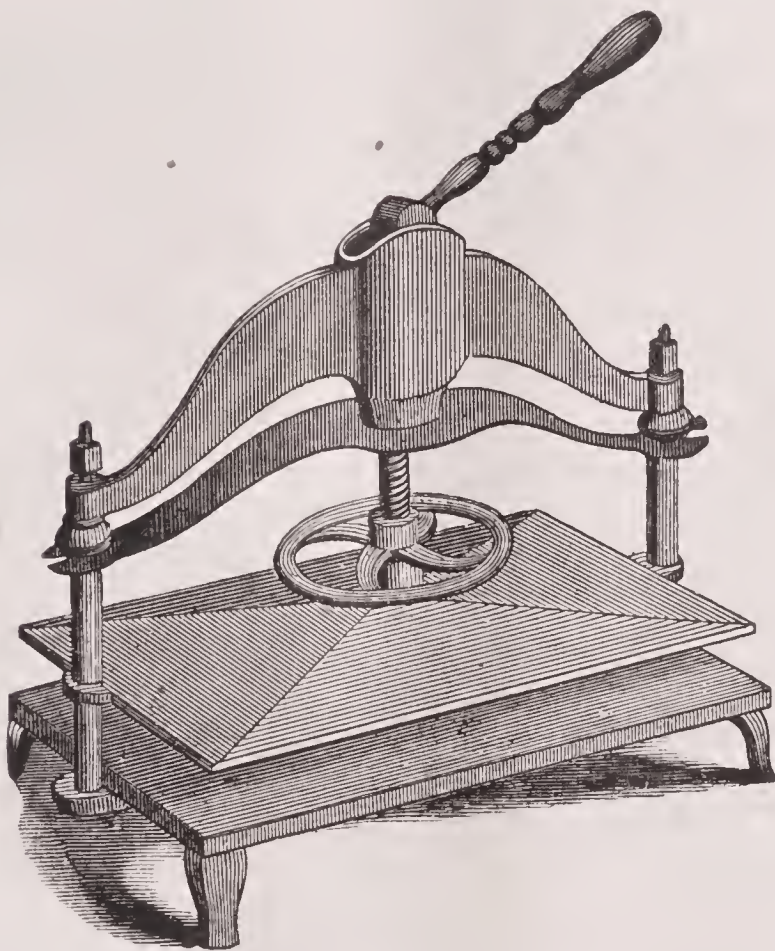


THIS Press has a wrought iron arch or yoke. Every part is finished with much care and it is a beautiful and useful ornament for the counting room.

Size of the platen or follower, $16\frac{1}{4}$ by $10\frac{3}{8}$ inches.

PRICE \$35.

SCREW AND LEVER PRESS.

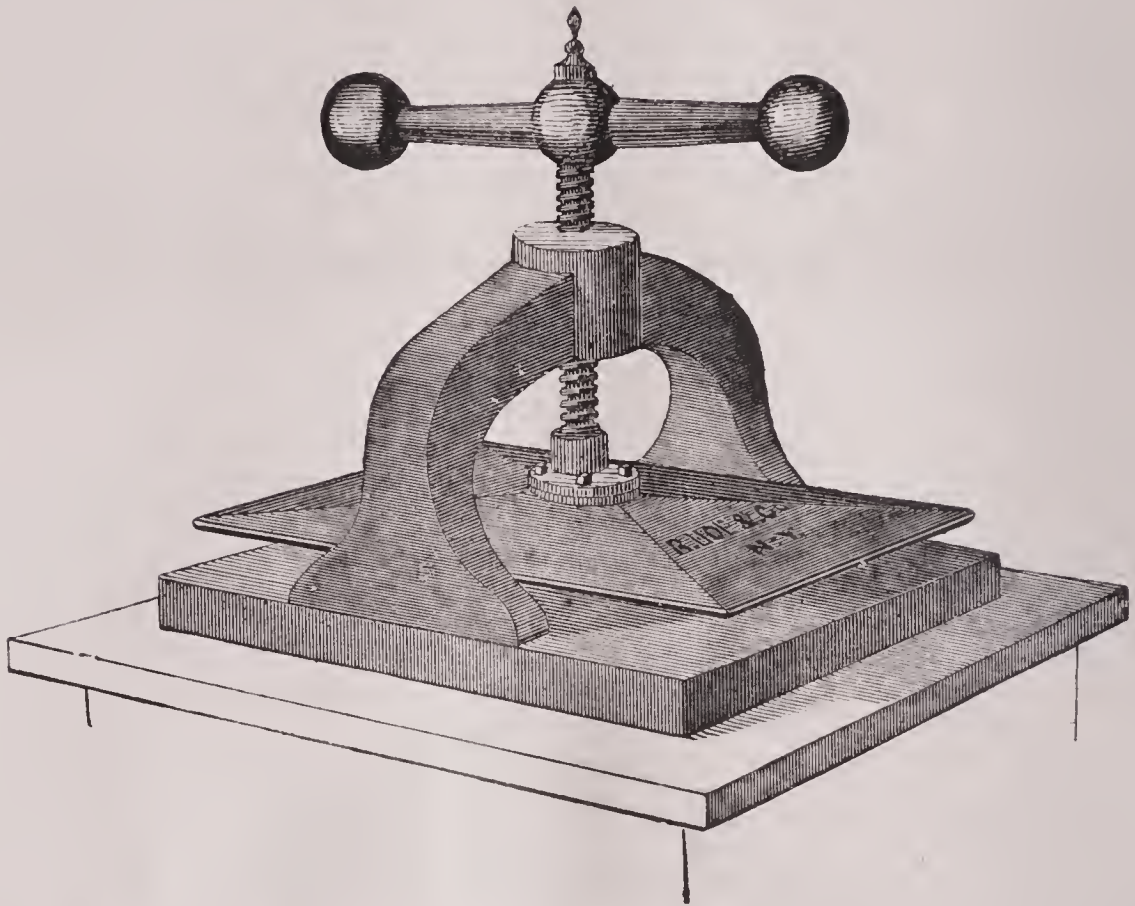


THE arch of this Press is *wrought* iron. The whole is strong and durable, and not likely to get out of order.

Size of platen or follower, $16\frac{1}{4}$ by $10\frac{3}{8}$ inches.

PRICE \$25.

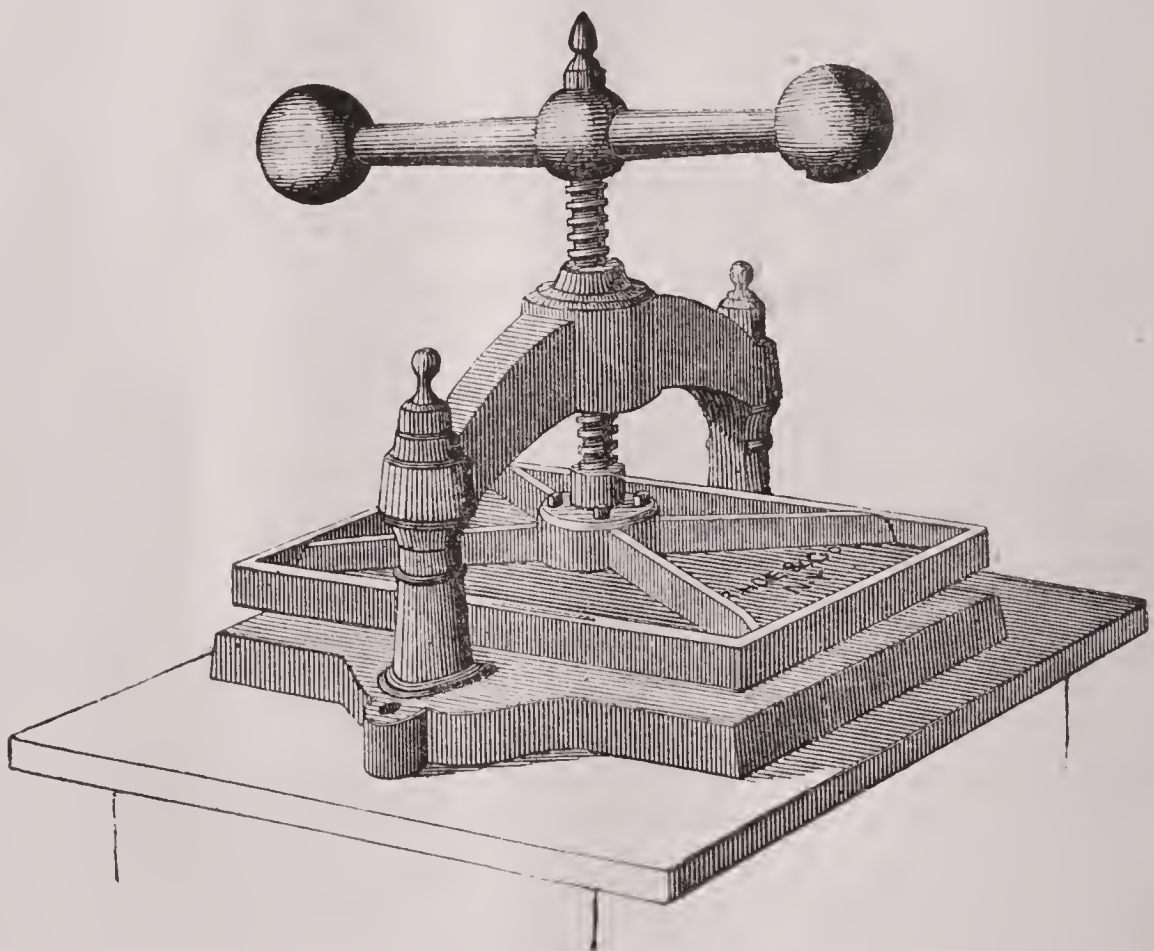
SCREW AND BALL PRESS.



THIS is a strong, neat, and durable article.—Size of platen or follower, 18 by 11 inches.

PRICE \$18.

COLUMN PRESS.



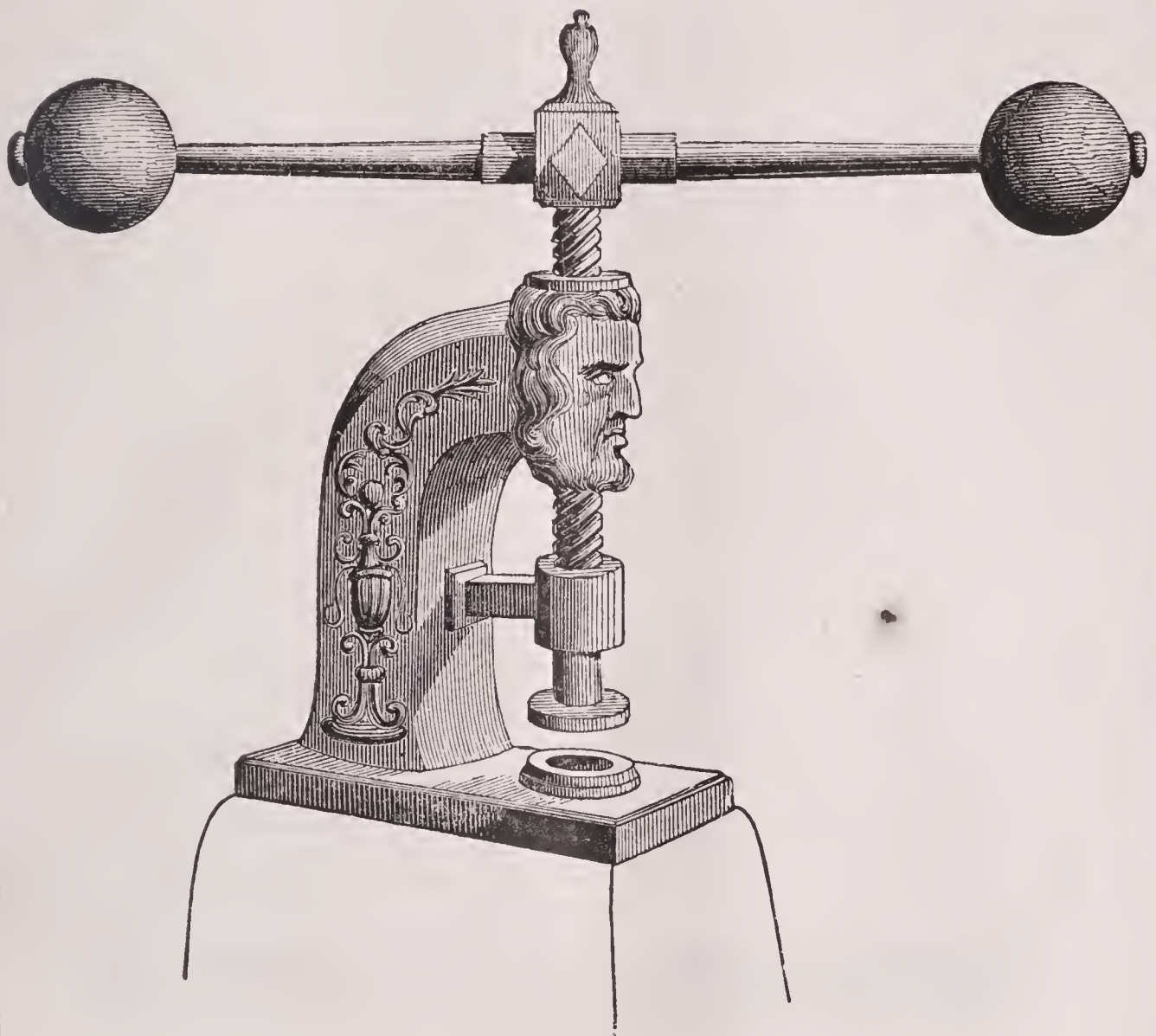
THE above differs from our other Screw Copying Presses in being secured with wrought iron rods through the columns.

Size of platen or follower, $15\frac{5}{8}$ by $10\frac{3}{4}$ inches.

PRICE \$16.

Notarial, or Seal Presses.

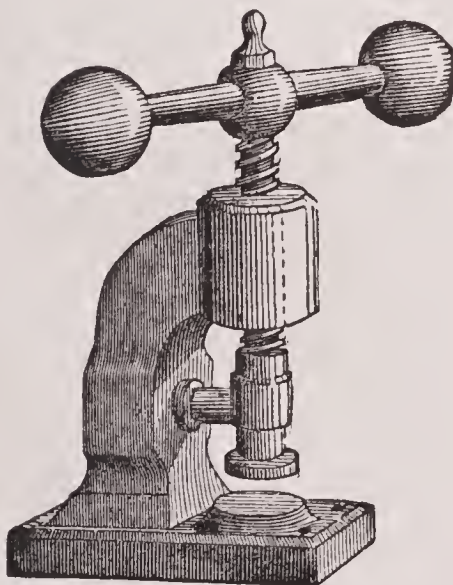
FACE PRESS.



THIS Press is very powerful, and is suitable for public institutions.

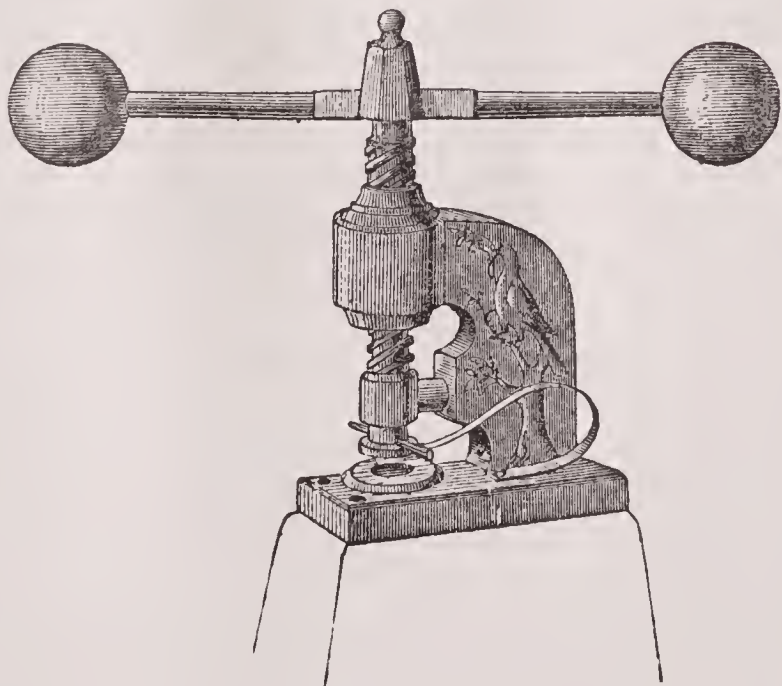
PRICE, WITH STAND, \$50.

SCREW PRESS.



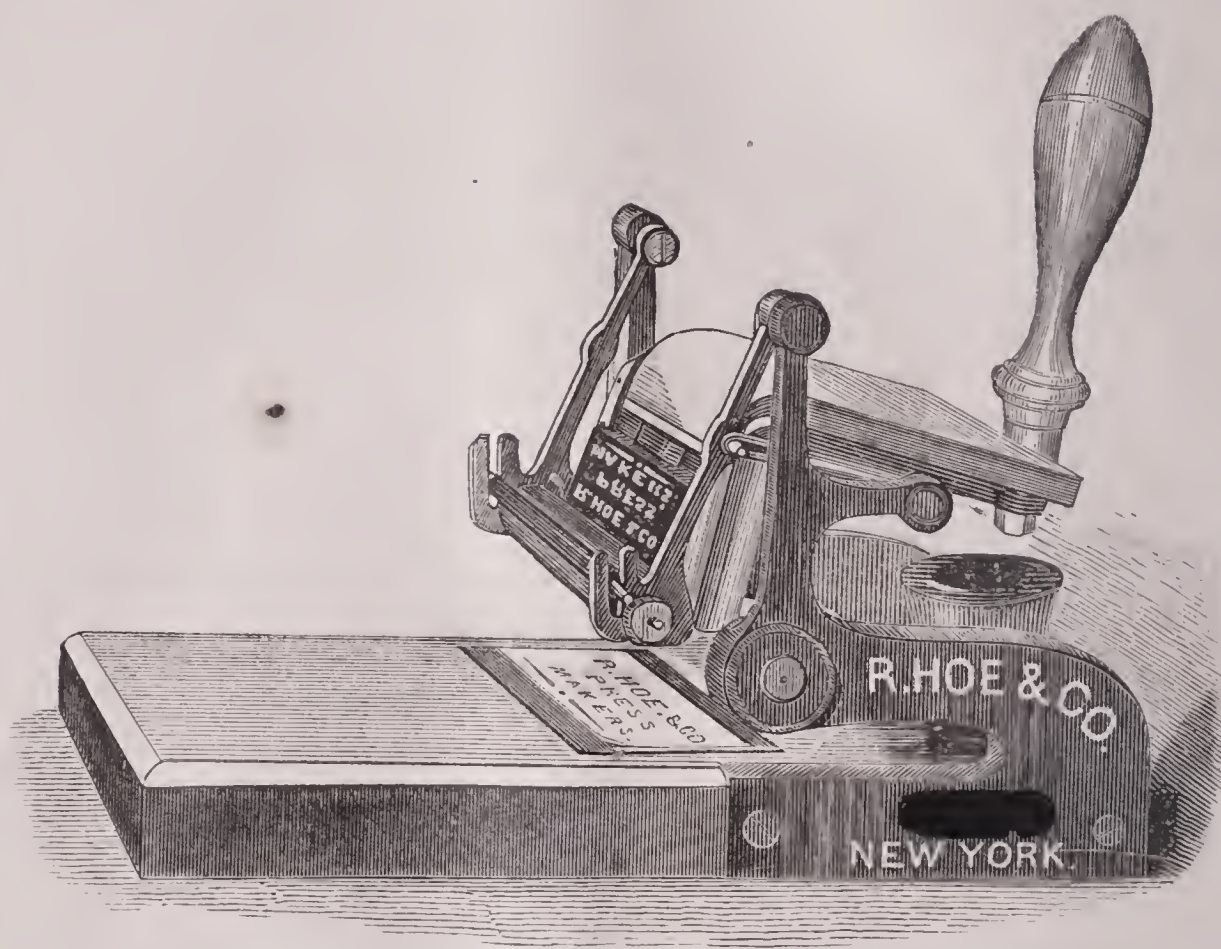
PRICE \$18.

SPRING PRESS.



PRICE \$35, WITH STAND.

Stamp and Label Printing Press.



PRINTING, with the above little apparatus, is effected by laying the paper on the surface, and then simply bringing the handle to a horizontal position, and pressing on the paper; the action of which not only effects the inking of the type, or stamp, but the distribution of the ink and the printing. The apparatus is calculated to print Cards and Labels, with any kind of hand stamp now in use, wood block or metal type.

The construction is so simple that it may be understood at a glance, and readily used by any person. The arrangement is so free from complication as to prevent the chance of getting out of order. It is compact in appearance, and forms an ornamental appendage to the counting-house or office, occupying a space of only five inches by nine inches, and, if required, less.

THE PRICE, COMPLETE, WITH INK FOUNTAIN AND ROLLER, IS \$10.



GOLD STREET WORKS.

R. HOE & CO'S.

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ETC.

New York.

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